

**Projects**

Field Name
Project ID
Name
Start Date
Duration
Purpose

**Stations**

Field Name
Station #
Station ID
Station Name
Primary Type
Station Description
HUC 8-digit code
Basin
Tribal Land
Tribal Land Type
Latitude
Longitude
Elevation (ft)
Horizontal Collection Method
Horizontal Coordinate Reference System Datum
Vertical Collection Method
State
County
USGS 7.5 Minute Topo Quad
Comments

**Results**

Field Name
Project ID
Station ID
Activity ID
Activity Type
Medium
Activity Start Date
Activity Start Time
Activity Start Time Zone
Depth to Activity
Depth to Activity Units
Sample Collection Method ID
Sample Collection Equipment
CAS Number
Characteristic Name
Method Speciation
Sample Fraction
Result Value
Lower/Upper Confidence Value
Result Detection Condition
Result Value Units
Result Status

Result Value Type
Lab Name
Lab Sample ID
Received Date
Field/Lab Procedure
Field/Lab Procedure Source
Analysis Date
Batch
DL
RL (PQL)
Dilution
Result Comments

Additional Water Event Information	
	Field Name
Project ID	
Station #	
Station ID	
Activity ID	
Activity Type	
Activity Category	
Activity Start Date	
Activity Start Time	
Activity Start Time Zone	
Field Crew	
Sampling Method	
Surface Water Type	
Sampling Site	
Location on Lake	
Total Depth (m)	
Shoreline sample (y/n)	
Vegetation	
Wildlife	
Other Aquatic Vegetation	
Land use/Impacts	
Scum/Sheen	
Color	
Lake Surface Condition	
Previous Wind	
Current Wind	
Wind Direction	
Wind Speed (mph)	
Air Temp (C)	
Relative Humidity (%)	
Dew Point (C)	
Pressure (in Hg)	
Gage Height (ft)	
Notes	
Number of Photos	
Data Source	

Description
Unique ID for the project to which data will be assigned
Unique name for the project
Date on which the project started (MM/DD/YYYY)
Planned duration of the project
Why the data were collected

Description
Unique numeric ID for the station consisting of the first and last two numbers in the station ID; splits retain the "mother"
Unique ID for the station consisting of the 2 digit basin code, 8 characters from the waterbody name, and a 2 digit value
Name of the sampling station, including the waterbody name and brief description of location on the waterbody if necessary
Type of feature sampled
Detailed description of the sampling station
USGS 8-digit Hydrologic Unit Code (HUC) of watershed station is located in
Name of 8-digit USGS HUC station is located in
Indicator denoting whether or not a location is on tribal land
Name of American Indian or Alaskan Native area where the location exists
Latitude in decimal degrees for the sample station (NAD 83)
Longitude in decimal degrees for the sample station (NAD 83)
Elevation of the sample station in feet above sea level
Method used to determine the station's Lat/Long coordinates
Datum used to determine the station's Lat/Long coordinates
Method used to collect the vertical measure of a reference point.
Postal abbreviation for the state in which the station is located
County in which the station is located
USGS 7.5 minute topographic quadrangle map on which the station can be found
General comments about the information provided

Description
Unique ID for the project to which data will be assigned
Unique ID for the station consisting of the 2 digit basin code, 8 characters from the waterbody name, and a 2 digit value
Unique ID for the individual sampling event; consists of the Station #, the date (YYYYMMDD) and an activity type abbreviation
Type of activity
Medium in which the activity occurs
Date activity began (MM/DD/YYYY)
Time activity began (00:00-24:00)
Time zone for Activity Start Time
The distance from the water surface to the point in the water column at which the activity is conducted
Units for Depth to Activity
Valid STORET sample collection procedure; for samples only
Gear used to collect sample, required if Sample Collection Method is present
Chemical Abstract Number for the characteristic
Valid STORET characteristic name
Identifies the chemical speciation in which the measured result is expressed
Fraction for the characteristic
Measured numeric result for the characteristic
Value of the lower and upper ends of the confidence interval.
Required if Result Value is blank to provide reason; Must not be populated if Result Measure Value is provided
Units for characteristic result
Required if result is reported; Indicates acceptability of result with respect to QA/QC, Data will not go into the STORET

Qualifies Process used in the determination of result value (eg. Actual, Estimated, Calculated). Required if result is n  
 Name of the laboratory that analyzed the sample  
 ID assigned to the sample by the laboratory  
 Date that the sample was received by the laboratory (MM/DD/YYYY)  
 The field or lab procedure used to analyze the sample  
 Source Acronym for Field/Lab Procedure  
 Date sample analyzed (MM/DD/YYYY)  
 Lab ID for the group of samples analyzed together that included the NNEPA sample  
 Analysis equipment detection limit  
 Analysis method reporting limit  
 Number of dilutions required for the analysis  
 Qualifiers for the results

Description
Unique ID for the project to which data will be assigned
Unique numeric ID for the station consisting of the first and last two numbers in the station ID; splits retain the "moth
Unique ID for the station consisting of the 2 digit basin code, 8 characters from the waterbody name, and a 2 digit va
Unique ID for the individual sampling event; consists of the Station # and the date (MMDDYY)
Type of activity
Category of activity
Date activity began (MM/DD/YYYY)
Time activity began (00:00-24:00)
Time zone for Activity Start Time
Staff who participated in the sampling event
How the sample was collected
Type of water feature sampled (e.g., stream, lake, canal, etc.)
Brief description of feature sampled (e.g., pool, riffle, open channel, etc.)
Location on lake where the sample was collected
Total depth of waterbody at station
Was the sample collected from the shore?
Description of the vegetation around the waterbody
Description of the wildlife in and around the waterbody
Description of the aquatic vegetation within the waterbody
Types of land uses and impacts around the waterbody
Qualitative estimate of scum/sheen present
Water color at the station
Condition of the lake surface
Wind conditions during the previous 24-48 hours
Current wind conditions
Direction from which the wind is blowing during the sample event
Speed in miles per hour of the wind during the sample event
Current air temperature in degrees Celsius
Relative humidity
Dew Point
Atmospheric pressure
Water level as measured on a nearby staff gage if present
Additional comments regarding the sample event
Number of photos taken during the event
Who provided the data

er" Station #

lue unique to the individual site within the basin  
essary

lue unique to the individual site within the basin  
breviation (eg., RS-routine sample, FS-field split, etc.)

T warehouse if the status is "Preliminary"

on-text. Default is Actual.

er" Station #  
lue unique to the individual site within the basin

Project ID	Name	Start Date	Duration
01CHINLE	Chinle Wash 305(b)	01/01/1990	On going
02LSJ4CO	Lower SJ-4 Corners 305(b)	01/01/1990	On going
03MONTEZ	Montezuma Creek 305(b)	01/01/1990	On going
04MCELMO	McElmo Creek 305(b)	01/01/1990	On going
05ARROYO	Arroyo Chico 305(b)	01/01/1990	On going
06CHACOW	Chaco Wash 305(b)	01/01/1990	On going
07MANCOS	Mancos River 305(b)	01/01/1990	On going
08UPSJR	Upper SJR 305(b)	01/01/1990	On going
09BLANCO	Blanco Canyon 305(b)	01/01/1990	On going
10MIDSJR	Middle SJR 305(b)	01/01/1990	On going
11RPUERC	Rio Puerco 305(b)	01/01/1990	On going
12RSANJO	Rio San Jose 305(b)	01/01/1990	On going
13RSALAD	Rio Salado 305(b)	01/01/1990	On going
14ZUNIRI	Zuni River 305(b)	01/01/1990	On going
15UPUERC	Upper Puerco R 305(b)	01/01/1990	On going
16LPUERC	Lower Puerco R 305(b)	01/01/1990	On going
17LEROUX	Leroux Wash 305(b)	01/01/1990	On going
18COTTON	Cottonwood Wash 305(b)	01/01/1990	On going
19MIDLCR	Middle LCR 305(b)	01/01/1990	On going
20JEDDIT	Jeddito Wash 305(b)	01/01/1990	On going
21POLACC	Polacca Wash 305(b)	01/01/1990	On going
22CANDIA	Canyon Diablo 305(b)	01/01/1990	On going
23CORNOR	Corn-Oraibi Wash 305(b)	01/01/1990	On going
24DINNEB	Dinnebito Wash 305(b)	01/01/1990	On going
25LOWLCR	Lower LCR 305(b)	01/01/1990	On going
26MOENKO	Moenkopi Wash 305(b)	01/01/1990	On going
27LCOMAR	Lower CO-Marble Cyn 305(b)	01/01/1990	On going
28LLKPOW	Lower Lake Powell 305(b)	01/01/1990	On going
29LOWSJR	Lower SJR 305(b)	01/01/1990	On going
BLCKTMDL	Black Creek TMDL	01/01/1990	On going
BUGS	Benthic Macroinvertebrate Sampling	01/01/1990	On going
LTMON	Long term monitoring	01/01/1990	On going
NPDES	NPDES investigations	01/01/1990	On going
PUBOUT	Public outreach	01/01/1990	On going
QAQC	QA/QC	01/01/1990	On going
SJR-Invest	San Juan River WQ Investigation	01/01/1990	On going
GKM	Gold King Mine Investigation	01/01/1990	On going



Station #	Station ID	Station Name
01-01	01CHINLEWA01	Chinle Wash @ Chinle
01-02	01CHINLEWA02	Chinle Wash @ Hwy 160
01-03	01CRYSTALC03	Crystal Creek nr Crystal
01-04	01LAGUNACR04	Laguna Creek nr Dennehotso
01-05	01LUKACHUK05	Lukachukai Creek d/s N13
01-06	01LUKACHUK06	Lukachukai Creek tributary waterfall
01-07	01LUKACHUK07	Lukachukai Creek @ Wagon Wheel Picnic area
01-08	01LUKACHUK08	Lukachukai Creek @ USGS gage
01-09	01NAZLINIC09	Nazlini Wash
01-10	01SPRINGTS10	R7500 Spring
01-11	01TSAILECR11	Tsaile Creek nr jct of Rds 7500 & 7700
01-12	01TSAILECR12	Tsaile Creek d/s from N12
01-13	01TSAILECR13	Tsaile Creek d/s from Tsaile Lake dam
01-14	01TOHCHINL14	Toh Chin Lini Canyon
01-15	01SPRINGTS15	Tsaile Spring
01-16	01TSAILETR16	Tsaile Creek tributary
01-17	01TOHTSOCR17	Tohtso Creek @ N13
01-18	01WHEATFIE18	Wheatfields Creek
01-19	01WHEATFIE19	Wheatfields Creek ab lake diversion
01-20	01WHEATFIE20	Wheatfields Creek ab forest road ab upper gage
01-21	01WHEATFIE21	Wheatfields Creek @ N12
01-22	01WHEATFIE22	Wheatfields Creek tributary below Wheatfields Lake
01-23	01WHISKEYC23	Whiskey Creek nr upper gage
01-24	01WHISKEYC24	Whiskey Creek nr old lower gage
01-25	01LAGUNACR25	Laguna Creek nr Tsegi
01-26	01BIGCAVEC26	Big Cave Creek
01-28	01CRYSTALC28	Crystal Creek at N12
01-30	01WHEATLAK30	Wheatfields Lake west shore
01-31	01WHEATLAK31	Wheatfields Lake north shore
01-32	01TSAILELA32	Tsaile Lake--east shore
01-33	01TSAILELA33	Tsaile Lake--west shore
01-34	01WHEATLAK34	Wheatfields Lake north end
01-35	01WHEATLAK35	Wheatfields Lake south end
01-36	01TSAILELA36	Tsaile Lake--middle
01-37	01TSAILELA37	Tsaile Lake nr south end of dam
01-38	01MANYFARM38	Many Farms Lake in middle
01-39	01MANYFARM39	Many Farms Lake nr south end of dam
01-41	01GOODLCKW41	Windmill #11K-243
01-46	01BUBBLING46	Bubbling Spring Canyon
01-47	01LAGUNAHE47	Laguna Creek in Navajo National Monument
01-48	01LUKACHUK48	Lukachukai Creek d/s fr Wagon Wheel Picnic area
01-49	01WHEATLAK49	Wheatfields Lake middle nr dam
01-50	01AASAYIIW50	Aasayii Wash
01-51	01RNDROCKL51	Round Rock Lake

01-52	01WHEATFIE52	Wheatfields Creek in upper Canyon de Che.
01-53	01ALCOVECA53	Alcove Canyon
01-54	01FISHPTSP54	Unnamed spring near Fish Point
02-01	02MCCRACKEN01	McCracken Canyon
02-02	02DESERTCR02	Desert Creek
02-03	02TEECNOSP03	Teec Nos Pos Wash
02-04	02TOHDAHST04	Toh Dahstini Wash
02-05	02DESERTCR05	Desert Creek
02-06	02SANJUANR06	San Juan River
02-07	02SANJUANR07	San Juan River
02-08	02SANJUANR08	San Juan River
02-09	02SANJUANR09	San Juan River
03-01	03MONTEZUM01	Montezuma Creek
03-02	03KJONESFW02	Kee Jones flowing water well
03-03	03KJONESSP03	Kee Jones developed spring
04-01	04MCELMOCR01	McElmo Creek @ Hwy 262
04-02	04MCELMOCR02	McElmo Creek @ Co Rd 407
05-01	05NFORKARR01	North Fork Arroyo Chico
05-02	05TORREONW02	Torreon Wash
06-01	06CHACORIV01	Chaco River @ N36
06-02	06CAPTAINT02	Captain Tom Wash @ power lines
06-03	06CHACORIV03	Chaco River 1/2 mile u/s fr N36
06-04	06CHACORIV04	Chaco River near mouth
06-05	06CHACORIV05	Chaco River @ APS
06-06	06CHACORIV06	Chaco River nr N5
06-07	06CHACORIV07	Chaco River nr Hwy 371
06-08	06CHINDEWA08	Chinde Wash u/s fr BHP Navajo Mine
06-09	06SANOSTEE09	Sanostee Wash nr Sanostee
06-10	06HUNTERTR10	Hunter Wash tributary
06-11	06TOCITOWA11	Tocito Wash
06-12	06CAPTAINT12	Captain Tom Wash @ gage
06-13	06TOADLENA13	Toadlena Hatchery
06-14	06DENAZINW14	De Na Zin Wash
06-15	06CHINDEWA15	Chinde Wash d/s fr BHP Navajo Mine
06-16	06SANOSTEE16	Sanostee Wash nr N5013
06-17	06WHISKEYL17	Whiskey Lake west shore
06-18	06CAPTAINT18	Captain Tom Wash 1/2 mile d/s fr gage
06-19	06INDIANCR19	Indian Creek
06-20	06WHISKEYL20	Whiskey Lake south end
06-21	06MORGANLA21	Morgan Lake west end
06-22	06MORGANLA22	Morgan Lake east end
06-23	06MORGANLA23	Morgan Lake southeast shore
06-24	06MORGANLA24	Morgan Lake northeast shore
06-25	06MORGANLA25	Morgan Lake northwest shore
06-26	06TOADLENA26	Toadlena Hatchery spring box
06-27	06DEADMANS27	Dead Mans Wash
06-28	06WHISKEYL28	Whiskey Lake north end
06-29	06CHUSKALA29	Chuska Lake

06-30	06REDWILLO30	Red Willow Wash
06-31	06BERLANDL31	Berland Lake
06-32	06APSSEEP132	Seep in Chaco River near APS ash ponds
06-33	06CHACORIV33	Chaco River
06-34	06CAPTAINT34	Captain Tom Wash
06-35	06APSTRIBX35	Chaco Trib below Morgan Lake blowdown
06-36	06PINABETE36	Pinabete Arroyo
07-01	07MANCOSRI01	Mancos River
08-01	08GALLEGOS01	Gallegos Wash
09-01	09BLANCOCA01	Blanco Canyon
09-02	09CUTTERLA02	Cutter Lake
10-01	10UFRUSEEP01	Upper Fruitland Seep #1
10-02	10UFRUSEEP02	Upper Fruitland Seep #2
10-03	10UFRUSEEP03	Upper Fruitland Seep #3
10-04	10OJOAMARI04	Ojo Amarillo Canyon
10-05	10EAGLENES05	Eagle Nest Arroyo
10-06	10FRUITLAN06	Fruitland Canal @ Ojo Amarillo
10-07	10BITSUIWA07	Bitsui Wash nr N36
10-08	10PINEWASH08	Pine Wash
10-09	10COVEWASH09	Cove Wash
10-10	10REDWASHX10	Red Wash @ N33
10-11	10SALTTCREE11	Salt Creek Wash
10-12	10SPRINGBU12	Buffalo Pass Spring
10-13	10STANDING13	Standing Redrock Creek
10-14	10EAGLENES14	Eagle Nest Arroyo seep
10-15	10REDWASHX15	Red Wash @ Hwy 64
10-16	10BECLABIT16	Beclabito Spring 1
10-17	10BECLABIT17	Beclabito Spring 2
10-18	10UFRUSEEP18	Upper Fruitland Seep #3 east
10-19	10UFRUSEEP19	Upper Fruitland Seep #3 west
10-20	10OJOAMARI20	Ojo Amarillo Canyon @ Loop Road
10-21	10BECLABIT21	Beclabito Wash
10-22	10BITSUIWA22	Bitsui Wash nr San Juan River
10-23	10BAKERARR23	Baker Arroyo
10-24	10SHOEGAME24	Shoe Game Wash @ Hwy 64
10-25	10SANJUANR25	San Juan River
10-26	10SANJUANR26	San Juan River
10-27	10MANYDEVI27	Many Devils Wash
10-28	10MANYDEVI28	Many Devils Wash
10-29	10COVETRIB29	Cove Wash tributary
10-30	10SANJUANR30	San Juan River
10-31	10SANJUANR31	San Juan River
10-32	10SHROWWTF32	Shiprock WWTF outfall
10-33	10NENAWWTF33	Nenahnezad School WWTF outfall
10-34	10FRUCANAL34	Fruitland Canal @ first bridge downstream
10-35	10FRUCANAL35	Fruitland Canal @ first bridge downstream
10-36	10SANJUANR36	San Juan River @ Shiprock bridge
10-37	10SANJUANR37	San Juan River @ upstream boundary near :

10-38	10SANJUANR38	San Juan River upstream from PNM fish pas
10-39	10FRUCANAL39	Fruitland Canal near 2nd wasteway
10-40	10FRUCANAL40	Fruitland Canal @ first bridge downstream
11-01	11RIOPUERC01	Rio Puerco
12-01	12BLUEWATE01	Bluewater Creek
13-01	13ALAMOCRE01	Alamo Creek
14-01	14TOGEYECA01	Togeye Canyon
15-01	15TSEBONIT01	Tse Bonito Wash
15-02	15BONITOCR02	Bonito Creek nr Black Ck
15-03	15ASAAYICR03	Asaayi Creek u/s end of cattle exclusion
15-04	15ASAAYICR04	Asaayi Creek d/s end of cattle exclusion
15-05	15ASAAYICR05	Asaayi Creek @ gage
15-06	15ASAAYIEA06	East Fork Asaayi Creek @ Asaayi Creek jct
15-07	15NATURALB07	Natural Bridge Canyon
15-08	15PUERCORI08	Puerco River nr west Gallup
15-09	15TOHDILDO09	Tohdildonih Wash
15-10	15BLACKCRE10	Black Creek nr Navajo NM
15-11	15BLACKCRE11	Black Creek nr Fort Defiance
15-12	15BLACKCRE12	Black Creek nr Window Rock
15-13	15BLACKCRE13	Black Creek nr Oak Spring
15-14	15BLACKCRE14	Black Creek 5.5 miles u/s fr I-40
15-15	15BLACKCRE15	Black Creek @ I-40
15-16	15ASAAYILA16	Asaayi Lake north shore
15-17	15REDLAKEX17	Red Lake west shore
15-18	15REDLAKEX18	Red Lake southwest shore
15-19	15REDLAKEX19	Red Lake south end
15-20	15REDLAKEX20	Red Lake middle
15-21	15ASAAYILA21	Asaayi Lake nr dam
15-22	15ASAAYIEA22	East Fork Asaayi Creek--upper
15-23	15ASAAYILA23	Asaayi Lake northwest shore
15-25	15BONITOCR25	Bonito Creek in Blue Canyon
15-26	15BLACKCRE26	Black Creek d/s of Navajo WWTF discharge
15-27	15TOHDILDO27	Tohdildonih Wash u/s of Red Lake diversio
16-01	16PUERCORI01	Puerco River nr Querino Wash
17-01	17PINECANY01	Pine Canyon
18-01	18PUEBLOCO01	Pueblo Colorado Wash @ upper Hubbell Trac
18-02	18PUEBLOCO02	Pueblo Colorado Wash @ lower Hubbell Trac
18-03	18KINLICHE03	Kinlichee Creek
18-04	18GANADOLA04	Ganado Lake nr west side of dam
18-05	18GANADOLA05	Ganado Lake nr middle
18-06	18GANADOLA06	Ganado Lake east shore
18-07	18GANADOLA07	Ganado Lake fr east side of dam
18-08	18GANADOLA08	Ganado Lake east side
19-01	19LITTLECO01	Little Colorado River @ Hwy 71
19-02	19LITTLECO02	Little Colorado River 1 mile u/s fr Hwy
23-01	23ORAIBIWA01	Oraibi Wash
24-03	24DINNEBIT03	Dinnebito Wash
25-01	25BOXSPRNG01	Box Spring

25-02	25LITTLECO02	Little Colorado River 2 miles u/s fr Came
25-03	25TAPPANWA03	Tappan Wash @ Hwy 64
25-04	25LITTLECO04	Little Colorado River @ Cameron
25-05	25LITTLECO05	Little Colorado River
25-06	25CAMEREFF06	Cameron WWTF outfall
26-01	26MOENKOPI01	Moenkopi Wash
26-02	26SHONTOWA02	Shonto Wash
26-08	26BEGASHIB08	Begashibito Wash
26-09	26COWSPRLA09	Cow Springs Lake
26-10	26COWSPRLA10	Cow Springs Lake shore
26-11	26WMESALAK11	White Mesa Lake
26-12	26HAMBLINW12	Hamblin Wash
26-13	26MOENKOPI13	Moenkopi Canal
27-01	27COLORADO01	Colorado River d/s from Lees Ferry
28-03	28NAVAJOCR03	Navajo Creek
28-04	28AZTECCRE04	Aztec Creek
29-01	29GYPSUMCR01	Gypsum Creek
29-02	29NOKAICAN02	Nokai Canyon
29-03	29OLJETOWA03	Oljeto Wash
29-04	29PIUTECAN04	Piute Canyon
29-05	29SANJUANR05	San Juan River
32-01	32GOLDKING01	Gold King Mine adit
32-02	32EPAPOND402	USEPA Gold King Mine Pond 4 outlet
32-03	32CEMENTCR03	Cement Creek at Silverton Park
32-04	32ANIMASRI04	Animas River at 9th Street bridge

<b>Primary Type</b>
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River/Stream Intermittent
River/Stream Intermittent
River/Stream Perennial
River/Stream Intermittent
River/Stream Perennial
River/Stream Perennial
River/Stream Perennial
River/Stream Intermittent
River/Stream Perennial
Spring
River/Stream Perennial
River/Stream Perennial
River/Stream Perennial
River/Stream Intermittent
Spring
River/Stream Perennial
River/Stream Intermittent
River/Stream Perennial
River/Stream
River/Stream Intermittent
Lake
Well
River/Stream Perennial
River/Stream Perennial
River/Stream Perennial
Lake
River/Stream Intermittent
Lake

River/Stream Perennial
River/Stream Perennial
Spring
River/Stream Intermittent
River/Stream Intermittent
River/Stream Perennial
River/Stream Intermittent
River/Stream Perennial
River/Stream Intermittent
Well
Spring
River/Stream Perennial
River/Stream Perennial
River/Stream Intermittent
River/Stream Ephemeral
River/Stream Intermittent
River/Stream Perennial
River/Stream Intermittent
River/Stream Intermittent
River/Stream Intermittent
River/Stream Intermittent
River/Stream Ephemeral
River/Stream Perennial
River/Stream Intermittent
River/Stream Intermittent
River/Stream Intermittent
River/Stream Intermittent
Spring
River/Stream Ephemeral
River/Stream Perennial
River/Stream Intermittent
Lake
River/Stream Intermittent
River/Stream Ephemeral
Lake
Reservoir
Spring
River/Stream Ephemeral
Lake
Reservoir

River/Stream Intermittent
Lake
Seep
River/Stream Intermittent
River/Stream Ephemeral
Other-Surface Water
River/Stream Ephemeral
River/Stream Intermittent
River/Stream Perennial
River/Stream Ephemeral
Reservoir
Spring
Spring
Spring
River/Stream Perennial
River/Stream Perennial
Canal Irrigation
River/Stream Intermittent
River/Stream Intermittent
River/Stream Intermittent
River/Stream Intermittent
River/Stream Perennial
Spring
River/Stream Intermittent
Spring
River/Stream Ephemeral
Spring
Spring
Spring
Spring
River/Stream Perennial
River/Stream Intermittent
River/Stream Intermittent
River/Stream Perennial
River/Stream Ephemeral
River/Stream Perennial
River/Stream Perennial
River/Stream Intermittent
River/Stream Ephemeral
River/Stream Intermittent
River/Stream Perennial
River/Stream Perennial
Facility Municipal Sewage (POTW)
Facility Municipal Sewage (POTW)
Canal Irrigation
Canal Irrigation
River/Stream Perennial
River/Stream Perennial

River/Stream Perennial
Canal Irrigation
Canal Irrigation
River/Stream Ephemeral
River/Stream Perennial
River/Stream Perennial
River/Stream Ephemeral
River/Stream Ephemeral
River/Stream Intermittent
River/Stream Perennial
River/Stream Perennial
River/Stream Perennial
River/Stream Perennial
River/stream Effluent-Dominated
River/Stream Intermittent
River/Stream Ephemeral
River/Stream Ephemeral
River/Stream Ephemeral
River/Stream Perennial
River/Stream Ephemeral
River/Stream Ephemeral
Reservoir
Lake
Lake
Lake
Lake
Reservoir
River/Stream Perennial
Reservoir
River/Stream Perennial
River/stream Effluent-Dominated
River/Stream Intermittent
River/Stream Perennial
Lake
River/Stream Ephemeral
River/Stream Ephemeral
River/Stream Perennial
River/Stream Ephemeral
Spring

River/Stream Ephemeral
River/Stream Ephemeral
River/Stream Ephemeral
River/Stream Ephemeral
Facility Municipal Sewage (POTW)
River/stream Effluent-Dominated
River/Stream Perennial
River/Stream Ephemeral
Lake
Lake
Lake
River/Stream Ephemeral
Canal Irrigation
River/Stream Perennial
River/Stream Intermittent
River/Stream Perennial
Acid Mine Drainage
Treatment pond
River/Stream Perennial
River/Stream Perennial

## Station Description

Chinle Wash, ~25 m d/s of gage at RB Russian Olive  
Chinle at Mexican Water USGS gage, sandstone control  
Crystal Ck, ~20 m u/s of bridge near Crystal, NM  
Laguna Ck, ~5 feet d/s of HWY160 bridge  
Lukachukai Ck, ~32 m d/s of N13 bridge, immed u/s of LB trib  
Lukachukai trib, at waterfall on westside hairpin curve on N13  
Lukachukai Ck, at Wagon Wheel picnic area, u/s from confluence with trib  
Lukachukia Ck, d/s of WMB gage near old USGS WQ intake  
Nazlini Ck, ~70 m u/s of diversion near chapter house  
Sprg on 7500 below Tsaile Butte off gravel road by tank  
Tsaile Ck, NE of 7700 and 7500 road junction at picnic area  
Tsaile Ck, ~60 m d/s of HWY 12 bridge  
Tsaile Ck, below Tsaile Lake dam  
Toh Chin Lini Creek 850m upstream fr Redrock Sprg  
Spring adjacent to Tsaile Creek, west edge forest road 7500  
Tsaile Trib 1/4 mile upstream from Lake  
Tohtso Ck, ~20 m d/s of N13 bridge  
Wheatfields Ck, ~100m d/s of gage  
Wheatfields Ck, 40m upstream Wheatfields Lake diversion  
Wheatfields Ck, Above culvert on forest road  
Wheatfields Ck, ~50m d/s of N12 bridge  
Wheatfields Ck, ~50m d/s of dam toe, ~15m d/s of weir  
Whiskey Ck, ~20m u/s of upper gage  
Whiskey Ck, 20m upstream of old Lower Gage  
Laguna Ck near Tsegi, AZ  
Big Cave Creek at Tse yah hotso  
Crystal Ck at N12, sampled under bridge  
Wheatfields Lake fecal coliform shore sample point--near south end of dam  
Wheatfields Lake fecal coliform shore sample point--north end of lake  
Tsaile Lake fecal coliform shore sample point--east side  
Tsaile Lake fecal coliform shore sample point--west side  
Water quality sample from boat at north end of Wheatfields Lake  
Water quality sample from boat at south end of Wheatfields Lake  
Water quality sample from boat at north end of Tsaile Lake  
Water quality sample from boat at south end of Tsaile Lake  
Many Farms Lake water quality sample site located near middle of lake  
Many Farms Lake water quality sample site located near SW side of dam  
Goodluck area windmill, from feeder pipe  
Bubbling Spring Canyon near junction with Laguna Creek u/s from Navajo National Monum  
Laguna Creek near Navajo National Monument in Long Canyon u/s from Bubbling Spring Cy  
Lukachukai Ck, d/s of Wagon Wheel picnic area, ~35 m u/s of uppermost N13 xing  
Water quality sample from boat near dam at middle of Wheatfields Lake  
Aasayii Wash, 1.2 miles u/s from Hwy 59 xing  
Round Rock Lake water quality sample site near dam (siphon intake)

Lower Wheatfields Creek within Canyon de Chelly, ~ 1.5 miles u/s from Whiskey Creek j  
 Alcove Canyon (wash) at junction with White Rock Wash  
 Unnamed spring near Fish Point; approximately 7.5 miles due north of Cottonwood  
 McCracken Canyon, ~3 miles down Co Rd 4131 from Hwy 163  
 Desert Ck, N 5063, UT Co 411 crossing  
 Teec Nos Pos, end of N5111 in a gorge  
 Off N5034, above diversion, about 5 miles upstream from US 160  
 Desert Creek near headwaters  
 San Juan River near NM/CO border at the Four Corners  
 San Juan River near bridge at Montezuma Creek  
 San Juan River at US 191 bridge near Bluff  
 San Juan River immediately upstream from McElmo Creek  
 Montezuma Ck, West of 262 about 1 mile  
 West side of Montezuma Ck on Jones allotment ~1850' NW of 03MONTEZUM01  
 ~850' d/s from 03MONTEZUM01 just off left bank  
 McElmo Ck, ~100 m u/s of Hwy 262 bridge  
 McElmo Ck, d/s of San Juan Co Rd 407  
 North Fork Arroyo Chico ~ 100 yds d/s from section 27/26 boundary  
 Torreon Wash ~ 50 yds d/s from SR 57 bridge  
 Chaco River, at N36  
 Ct. Tom Wash, ~30m u/s of road xing under power line  
 Chaco River, ~0.5 mi u/s of N36 bridge  
 Chaco River, d/s of confluence with Dead Mans Wash  
 Chaco River near Tuscon Electric power line (APS)  
 Chaco River, at N5  
 Chaco River, at HWY371 (near mission)  
 Chinde Wash, at Co Rd 3005 crossing (d/s); next to BHP monitoring site  
 Sanostee Wash, ~100m u/s of irrigation diversion  
 Hunter Trib, approx 50M d/s of highway 371 bridge  
 At N5000 crossing near junction with N54  
 Captain Tom Wash, ~20 feet upstream of WMB gage  
 Toadlena Fish Hatchery at hatchery inlet  
 De Na Zin Wash near mouth  
 Chinde Wash, near APS power plant near El Paso gas line  
 Sanostee Wash, 15 yds d/s of 2nd xing off N34 (u/s of BEHI)  
 Whiskey Lake fecal coliform sample point at shore west of large southern island  
 Ct. Tom Wash, ~1/2 mile d/s from stream gage  
 Indian Creek, upstream from confluence with SJR  
 Whiskey Lake WQ sample location on south end of lake  
 Morgan Lake WQ sample location on west end of lake  
 Morgan Lake WQ sample location on east end of lake  
 Morgan Lake fecal sample location on southeast end of lake  
 Morgan Lake fecal sample location on northeast end of lake  
 Morgan Lake fecal sample location on northwest end of lake  
 Toadlena Fish Hatchery, spring box u/s of hatchery  
 Dead Mans Wash ~ 30 yds d/s from Hwy 666  
 Whiskey Lake WQ sample location at north end of lake  
 Chuska Lake WQ sample located at south end near middle of dam

Red Willow Wash, ~2.8 miles up dirt rd from Hwy 491 in Tohatchi  
 Berland Lake water quality sample site near the dam  
 Seep along bank of Chaco River near the southwest end of the APS ash ponds  
 Between BHP and APS  
 Near the mouth, just below two diversion structures  
 At old crossing in tributary approximately 1.5 miles below Morgan Lake dam  
 Just upstream from Burnham Rd crossing  
 Mancos River, mouth of, junction with SJR  
 Gallegos Wash off Route 7010  
 At crossing near Co Rd 7007; tank battery on east side  
 Cutter Lake water quality sample site near dam  
 Upper Fruitland Seep 1  
 Upper Fruitland Seep 2  
 Upper Fruitland Seep 3  
 Ojo Amarillo, ~10m d/s of culvert under Fruitland canal; u/s of wasteway  
 Eagle Nest Arroyo  
 Fruitland canal, ~30m d/s of confl with Ojo Amarillo  
 Samples collected 15 m upstream of washed out road crossing  
 ~50 yds d/s from CO544 crossing  
 Cove Wash, ~50 yards d/s of N332 (off N33)  
 Red Wash, d/s of N33  
 Salt Creek Wash, at Mesa Farm Road N364 crossing  
 Springs near Buffalo Pass Picnic Grounds  
 Standing Redrock Wash, ~2 mi off N13 turnoff to Dineh-Bi-Keyah oil field  
 immed. north of US 64; 250 yds upstream from 10EAGLENES05 on right  
 under bridge at US 64 crossing  
 Developed spring in Beclabito Wash, south of school  
 Spring in channel between Beclabito school and sewer lagoons  
 East fork, upstream of seep #3  
 West fork, upstream of seep #3  
 Immediately d/s of loop road crossing  
 In the main channel immediately d/s of developed spring south of the Day School  
 d/s from N365, near mouth of wash  
 Immediately d/s from N552  
 Immediately d/s from Hwy 64  
 San Juan River @ the bottom of the Hogback fish passage  
 San Juan River near Canal Creek  
 At junction with San Juan River  
 At East Fork junction with Many Devils Wash  
 Perennial tributary to Cove Wash ~3.5 miles from Cove Wash; near ag diversion structu  
 San Juan River upstream from Shiprock WWTF  
 San Juan River downstream from Shiprock WWTF  
 Shiprock WWTF outfall  
 Outfall pipe from Nenahnezad School WWTF  
 Sediment sample collected from right bank; ~20' upstream from first bridge  
 Sediment sample collected from left bank; ~20' upstream from first bridge  
 San Juan River @ SR bridge  
 San Juan River at upstream NN boundary in NM near La Plata River

San Juan River upstream from PNM fish passage  
 Fruitland Canal upstream from 2nd wasteway  
 Water sample taken from Fruitland Canal just upstream from first bridge  
 SE corner of Canoncito satellite; ~ 2 miles u/s from I-40  
 Bluewater Creek ~ 200 feet d/s from the section 4/3 boundary  
 Alamo Creek d/s from Alamo Spring; ~ 1/4 mile d/s from nearest road crossing  
 South of home ~1.4 miles up Forest Rd 157 from Hwy 53 SE of town of Ramah  
 Tse Bonito Wash 300 yds u/s from bridge behind Conoco gas station in Tse Bonito  
 Bonito Creek 100 m below N12 bridge, near Ft. Def chpt house  
 Asaayi/ Bowl Ck restoration, immed u/s of riparian fence  
 Asaayi/ Bowl Ck restoration, immed d/s of riparian fence  
 Asaayi/ Bowl Ck, ~6m d/s of gage  
 East Fork of Asaayi/ Bowl Ck immed u/s of confl  
 Natural Bridge, 30m below  
 Puerco River u/s of Defiance Draw bridge, d/s of Gallup WWTF  
 Tohdildonih Wash u/s of Black Ck; d/s N12, u/s Navajo WWTF  
 Black Creek d/s of Navajo WWTF discharge outlet  
 Black Creek u/s of Bonito in Ft. Defiance  
 Black Creek in Window Rock u/s of HWY 264  
 Black Creek at old gage off N12  
 Black Creek at WMB gage  
 Black Creek immed d/s of Frontage road next to I-40  
 Asaayi Lake fecal coliform sample point at north shore bench near Utah juniper  
 Red Lake fecal coliform shore sample point--middle of western shore  
 Red Lake fecal coliform shore sample point--towards southern end of western shore  
 Red Lake WQ sample location near south end of lake  
 Red Lake WQ sample location near middle of lake  
 Asaayi Lake water quality sample site on lake near dam  
 East Fork Asaayi Creek immed upstream of Forest Road 8020, bug site  
 Asaayi Lake fecal coliform sample point at north shore adjacent to NW drainage  
 Bonito Creek near NTUA water supply wells in Blue Canyon  
 Black Creek d/s of Navajo WWTF discharge outlet  
 Tohdildonih Wash u/s of Red Lake diversion  
 Puerco River d/s of RR xing at Querino Rd exit from I-40  
 Next to Pine Canyon Well  
 Pueblo Co Wash, Hubbell Restoration, ~15m below falls  
 Pueblo Co Wash, Hubbell Restoration, ~20m u/s of d/s fence  
 Kinlichee Ck, d/s of gage, u/s of pipeline  
 Ganado Lake WQ sample location on south side of lake  
 Ganado Lake WQ sample location on north side of lake  
 Ganado Lake fecal coliform sample location on NE shore  
 Ganado Lake fecal coliform sample location on SE shore  
 Ganado Lake WQ sample location on northeast side of lake  
 Little Colorado River, road N71 crossing south of Bird Springs  
 LCR at Bird Springs BIA bridge  
 Oraibi Wash ~1 mile d/s from xing near Black Mesa Community School  
 U/s from Hopi Reservation  
 Box Spring, which flows into LCR ~1.5 miles d/s from Dinnebito Wash

LCR ~2.2 miles u/s from Cameron
Immediately u/s from Hwy 64 near Cameron
U/s from Hwy 89 bypass bridge in Cameron
At Five Mile Wash confluence
Effluent from the Cameron WWTF upstream from the LCR
Downstream from Tuba City WWTF
Shonto Wash d/s from Shonto
Immediately d/s from Hwy 89
Cow Springs WQ sample location on SW side of lake
Cow Springs fecal sample location on SW shore of lake
White Mesa Lake water quality sample site
Hamblin Wash WQ sample site @ Hwy 160
Kerley Valley Canal WQ sample site
~ 1.4 miles d/s from Lees Ferry; accessed from Navajo side
Navajo Creek at junction with Jayi Canyon
1.5 mile hike from Round Rock--SW of Navajo Mtn
Gypsum Ck, ~50m u/s of Sand Springs Tour Guide sign
Headwaters-where perennial flow begins
Oljeto Wash at junction of Adahchijiyahi Canyon and Tseyi-hatsosi
NE of Rainbow City
Immediately upstream from the mouth of McElmo Creek
Acid mine drainage from mouth of Upper Gold King Mine adit
Outlet to lowest of the four treatment ponds
Cement Creek as it enters Silverton, CO, near Silverton Park
Animas River at the 9th Street Bridge in Durango, CO

HUC 8-digit code	Basin	Tribal Land	Tribal Land Type	Latitude	Longitude
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.15479	-109.53848
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.94370	-109.71050
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.05364	-108.96101
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.86387	-109.82384
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.42164	-109.20515
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.45261	-109.16931
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.45148	-109.17073
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.47522	-109.35499
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	35.89932	-109.44137
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.28535	-109.12423
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.31754	-109.12706
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.28122	-109.17645
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.27395	-109.20497
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.80231	-109.21307
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.35829	-109.10655
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.28266	-109.16515
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.41027	-109.21948
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.23719	-109.04812
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.21546	-109.07960
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.24807	-109.04780
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.22899	-109.11240
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.20501	-109.10035
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.14240	-109.01867
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.12822	-109.14135
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.65752	-110.42424
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.50059	-109.31041
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.04926	-109.04438
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.20379	-109.09835
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.21380	-109.09186
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.27598	-109.19819
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.27627	-109.20774
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.21063	-109.09237
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.20280	-109.09680
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.27744	-109.20430
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.27275	-109.20239
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.35402	-109.58563
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.35451	-109.59827
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.46711	-109.29108
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.71827	-110.54001
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.71873	-110.53973
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.45020	-109.17346
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.20600	-109.09707
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.57562	-110.07351
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.48732	-109.45197

14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.14966	-109.17682
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.72205	-109.33286
14080204	Chinle Wash	Yes	Navajo Nation Tribal Tru	36.18419	-109.88271
14080201	Lwr SJ-4 Corners	Yes	Navajo Nation Tribal Tru	37.32567	-109.39228
14080201	Lwr SJ-4 Corners	Yes	Navajo Nation Tribal Tru	37.24040	-109.35630
14080201	Lwr SJ-4 Corners	Yes	Navajo Nation Tribal Tru	36.85874	-109.12154
14080201	Lwr SJ-4 Corners	Yes	Navajo Nation Tribal Tru	36.86598	-109.20939
14080201	Lwr SJ-4 Corners	Yes	Navajo Nation Tribal Tru	37.20997	-109.38062
14080201	Lwr SJ-4 Corners	Yes	Navajo Nation Tribal Tru	36.99620	-109.00462
14080201	Lwr SJ-4 Corners	Yes	Navajo Nation Tribal Tru	37.25828	-109.31048
14080201	Lwr SJ-4 Corners	Yes	Navajo Nation Tribal Tru	37.25767	-109.61849
14080201	Lwr SJ-4 Corners	Yes	Navajo Nation Tribal Tru	37.21490	-109.19015
14080203	Montezuma Creek	Yes	Navajo Nation Allotted	37.29893	-109.29702
14080203	Montezuma Creek	Yes	Navajo Nation Tribal Tru	37.30250	-109.30150
14080203	Montezuma Creek	Yes	Navajo Nation Allotted	37.29709	-109.29890
14080202	McElmo Creek	Yes	Navajo Nation Tribal Tru	37.21868	-109.19041
14080202	McElmo Creek	Yes	Navajo Nation Tribal Tru	37.30062	-109.05957
13020205	Arroyo Chico	Yes	Navajo Nation Allotted	35.67349	-107.45000
13020205	Arroyo Chico	Yes	Navajo Nation Allotted	35.77982	-107.24146
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.72180	-108.57882
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.16827	-108.93015
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.71981	-108.56554
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.77183	-108.64854
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.68227	-108.52649
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.36808	-108.56729
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.16847	-108.27456
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.61013	-108.43206
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.43097	-108.90492
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.25414	-108.27226
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.40651	-108.78405
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.19769	-108.85532
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.23859	-108.89398
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.20026	-108.29786
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.64219	-108.49339
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.42873	-108.96099
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	35.97573	-108.81736
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.20386	-108.85079
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.17526	-108.36987
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	35.97423	-108.81694
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.69848	-108.48538
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.69748	-108.45803
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.69404	-108.45821
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.70515	-108.45444
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.70636	-108.48468
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.23958	-108.89632
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.63633	-108.70481
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	35.98698	-108.81040
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	35.84525	-108.73604

14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	35.88106	-108.79377
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.11953	-108.92075
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.67926	-108.52102
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.67742	-108.52251
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.35646	-108.57831
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.70132	-108.51355
14080106	Chaco Wash	Yes	Navajo Nation Tribal Tru	36.45868	-108.50774
14080107	Mancos River	Yes	Navajo Nation Tribal Tru	36.98314	-108.97975
14080101	Upper SJR	Yes	Navajo Nation Allotted	36.64386	-108.12777
14080103	Blanco Canyon	Yes	Navajo Nation Allotted	36.62121	-107.73720
14080103	Blanco Canyon	Yes	Navajo Nation Tribal Tru	36.68763	-107.68668
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.71197	-108.36070
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.71224	-108.36332
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.71445	-108.36876
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.71568	-108.34710
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.76875	-108.59970
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.71538	-108.34706
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.72782	-108.40454
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.70966	-109.13064
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.59568	-109.17344
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.60924	-109.06509
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.82563	-108.72578
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.47125	-109.13215
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.53992	-109.08643
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.76948	-108.59663
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.82710	-108.93941
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.84056	-109.01889
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.84159	-109.01769
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.71423	-108.36878
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.71427	-108.36882
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.72072	-108.35763
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.84037	-109.01829
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.73441	-108.40229
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.77834	-108.68213
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.87120	-109.04440
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.74546	-108.53785
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.89325	-108.87859
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.76449	-108.67752
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.75964	-108.67880
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.54332	-109.22708
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.78953	-108.71206
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.78948	-108.71241
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.78948	-108.71230
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.73170	-108.40501
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.73081	-108.25601
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.73078	-108.25607
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.78157	-108.69284
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.73588	-108.25391

14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.74807	-108.41196
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.72908	-108.26606
14080105	Middle SJR	Yes	Navajo Nation Tribal Tru	36.73079	-108.25604
13020204	Rio Puerco	Yes	Navajo Nation Tribal Tru	35.05909	-106.95238
13020207	Rio San Jose	Yes	Navajo Nation Allotted	35.30367	-108.09919
13020209	Rio Salado	Yes	Navajo Nation Tribal Tru	34.39992	-107.48204
15020004	Zuni River	Yes	Navajo Nation Allotted	35.12373	-108.46129
15020006	Upper Puerco R	No		35.65812	-109.04464
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.73554	-109.06906
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	36.00609	-108.90565
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.99394	-108.91352
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.98721	-108.92143
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.99143	-108.91496
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.70809	-109.10412
15020006	Upper Puerco R	No		35.49053	-108.90511
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.91133	-109.03962
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.89211	-109.04746
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.73646	-109.06426
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.66116	-109.07935
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.45349	-109.12561
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.33333	-109.20282
15020006	Upper Puerco R	Yes	Navajo Nation Allotted	35.28228	-109.21606
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.98299	-108.92949
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.93051	-109.04855
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.92143	-109.04185
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.92300	-109.04082
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.92823	-109.03922
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.98027	-108.93163
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.99362	-108.90389
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.98147	-108.93154
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.75531	-109.09401
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.63606	-109.08431
15020006	Upper Puerco R	Yes	Navajo Nation Tribal Tru	35.91594	-109.02900
15020007	Lower Puerco R	Yes	Navajo Nation Tribal Tru	35.25689	-109.27250
15020009	Leroux Wash	Yes	Navajo Nation Tribal Tru	35.58512	-109.35824
15020011	Cottonwood Wash	Yes	Navajo Nation Tribal Tru	35.71012	-109.55427
15020011	Cottonwood Wash	Yes	Navajo Nation Tribal Tru	35.70960	-109.56040
15020011	Cottonwood Wash	Yes	Navajo Nation Tribal Tru	35.74359	-109.44405
15020011	Cottonwood Wash	Yes	Navajo Nation Tribal Tru	35.73160	-109.52046
15020011	Cottonwood Wash	Yes	Navajo Nation Tribal Tru	35.73942	-109.51946
15020011	Cottonwood Wash	Yes	Navajo Nation Tribal Tru	35.74023	-109.51343
15020011	Cottonwood Wash	Yes	Navajo Nation Tribal Tru	35.73105	-109.51601
15020011	Cottonwood Wash	Yes	Navajo Nation Tribal Tru	35.73895	-109.51487
15020008	Middle LCR	Yes	Navajo Nation Tribal Tru	35.18561	-110.73569
15020008	Middle LCR	Yes	Navajo Nation Tribal Tru	35.17768	-110.71735
15020012	Corn-Oraibi Wash	Yes	Navajo Nation Tribal Tru	36.33420	-110.08896
15020017	Dinnebito Wash	Yes	Navajo Nation Tribal Tru	36.30431	-110.37595
15020016	Lower LCR	Yes	Navajo Nation Tribal Tru	35.50359	-111.23926

15020016	Lower LCR	Yes	Navajo Nation Tribal Tru	35.86235	-111.38117
15020016	Lower LCR	Yes	Navajo Nation Tribal Tru	35.85731	-111.44472
15020016	Lower LCR	Yes	Navajo Nation Tribal Tru	35.87621	-111.40561
15020016	Lower LCR	Yes	Navajo Nation Tribal Tru	35.87717	-111.41610
15020016	Lower LCR	Yes	Navajo Nation Tribal Tru	35.87717	-111.41706
15020018	Moenkopi Wash	Yes	Navajo Nation Tribal Tru	36.09245	-111.29534
15020018	Moenkopi Wash	Yes	Navajo Nation Tribal Tru	36.58857	-110.64446
15020018	Moenkopi Wash	Yes	Navajo Nation Tribal Tru	36.56127	-110.74293
15020018	Moenkopi Wash	Yes	Navajo Nation Tribal Tru	36.39801	-110.87066
15020018	Moenkopi Wash	Yes	Navajo Nation Tribal Tru	36.39665	-110.87211
15020018	Moenkopi Wash	Yes	Navajo Nation Tribal Tru	36.43221	-111.00795
15020018	Moenkopi Wash	Yes	Navajo Nation Tribal Tru	36.07830	-111.38050
15020018	Moenkopi Wash	Yes	Navajo Nation Tribal Tru	36.10660	-111.23871
15010001	Lwr CO-Marble Cyn	Yes	Navajo Nation Tribal Tru	36.85315	-111.60447
14070006	Lower Lake Powell	Yes	Navajo Nation Tribal Tru	36.83952	-110.98413
14070006	Lower Lake Powell	Yes	Navajo Nation Tribal Tru	36.95319	-110.97716
14080205	Lower SJR	Yes	Navajo Nation Tribal Tru	36.93502	-110.05323
14080205	Lower SJR	Yes	Navajo Nation Tribal Tru	36.83739	-110.52621
14080205	Lower SJR	Yes	Navajo Nation Tribal Tru	36.84652	-110.34867
14080205	Lower SJR	Yes	Navajo Nation Tribal Tru	37.09750	-110.67512
14080205	Lower SJR	Yes	Navajo Nation Tribal Tru	37.15039	-109.86681
14080104	Animas River	No		37.89464	-107.63841
14080104	Animas River	No		37.89465	-107.64747
14080104	Animas River	No		37.81819	-107.66160
14080104	Animas River	No		37.27417	-107.88513

Elevation (ft)	Horizontal Collection Method	Horizontal Coordinate Reference System Datum
5233	GPS Code (Pseudo Range)	NAD83
4728	GPS Code (Pseudo Range)	NAD83
7560	GPS Code (Pseudo Range)	NAD83
4974	GPS Code (Pseudo Range)	NAD83
6686	GPS Code (Pseudo Range)	NAD83
7533	Interpolation-Map	NAD83
7487	GPS Code (Pseudo Range)	NAD83
5745	Interpolation-Map	NAD83
6249	GPS Code (Pseudo Range)	NAD83
7680	Interpolation-Map	NAD83
7409	GPS Code (Pseudo Range)	NAD83
7100	GPS Code (Pseudo Range)	NAD83
7033	GPS Code (Pseudo Range)	NAD83
7440	Interpolation-Map	NAD83
7884	GPS Code (Pseudo Range)	NAD83
7080	Interpolation-Map	NAD83
6591	GPS Code (Pseudo Range)	NAD83
7483	GPS Code (Pseudo Range)	NAD83
7319	Interpolation-Map	NAD83
7495	Interpolation-Map	NAD83
7260	Interpolation-Map	NAD83
7252	Interpolation-Map	NAD83
7425	GPS Code (Pseudo Range)	NAD83
7035	Interpolation-Map	NAD83
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5875	Interpolation-Map	NAD83
7264	GPS Code (Pseudo Range)	NAD83
7300	GPS Code (Pseudo Range)	NAD83
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7030	GPS Code (Pseudo Range)	NAD83
7034	GPS Code (Pseudo Range)	NAD83
7287	GPS Code (Pseudo Range)	NAD83
7280	GPS Code (Pseudo Range)	NAD83
7031	GPS Code (Pseudo Range)	NAD83
7014	GPS Code (Pseudo Range)	NAD83
5304	GPS Code (Pseudo Range)	NAD83
5301	GPS Code (Pseudo Range)	NAD83
6071	Interpolation-Map	NAD83
6450	GPS Code (Pseudo Range)	NAD83
6437	GPS Code (Pseudo Range)	NAD83
7320	GPS Code (Pseudo Range)	NAD83
7278	GPS Code (Pseudo Range)	NAD83
5629	GPS Code (Pseudo Range)	NAD83
5506	Interpolation-Map	NAD83

6958	GPS Code (Pseudo R	NAD83
5618	GPS Code (Pseudo R	NAD83
6590	GPS Code (Pseudo R	NAD83
4530	GPS Code (Pseudo R	NAD83
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4596	GPS Code (Pseudo R	NAD83
4596	GPS Code (Pseudo R	NAD83
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6332	GPS Code (Pseudo R	NAD83
5030	GPS Code (Pseudo R	NAD83
8671	Interpolation-Map	NAD83
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4900	Interpolation-Map	NAD83
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5779	GPS Code (Pseudo R	NAD83
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5720	Interpolation-Map	NAD83
5188	GPS Code (Pseudo R	NAD83
6320	GPS Code (Pseudo R	NAD83
8901	GPS Code (Pseudo R	NAD83
6312	GPS Code (Pseudo R	NAD83
5643	GPS Code (Pseudo R	NAD83
8904	GPS Code (Pseudo R	NAD83
5308	GPS Code (Pseudo R	NAD83
5292	GPS Code (Pseudo R	NAD83
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5308	GPS Code (Pseudo R	NAD83
5308	GPS Code (Pseudo R	NAD83
6775	GPS Code (Pseudo R	NAD83
5203	GPS Code (Pseudo R	NAD83
8885	GPS Code (Pseudo R	NAD83
6283	GPS Code (Pseudo R	NAD83

6917	GPS Code (Pseudo R	NAD83
8885	GPS Code (Pseudo R	NAD83
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5038	GPS Code (Pseudo R	NAD83
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5105	GPS Code (Pseudo R	NAD83
5370	GPS Code (Pseudo R	NAD83
4630	GPS Code (Pseudo R	NAD83
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5243	GPS Code (Pseudo R	NAD83
5207	GPS Code (Pseudo R	NAD83
5195	GPS Code (Pseudo R	NAD83
4967	GPS Code (Pseudo R	NAD83
5220	GPS Code (Pseudo R	NAD83
5128	GPS Code (Pseudo R	NAD83
6386	GPS Code (Pseudo R	NAD83
5913	GPS Code (Pseudo R	NAD83
5728	GPS Code (Pseudo R	NAD83
4863	GPS Code (Pseudo R	NAD83
8514	GPS Code (Pseudo R	NAD83
6370	GPS Code (Pseudo R	NAD83
4980	GPS Code (Pseudo R	NAD83
4856	GPS Code (Pseudo R	NAD83
5531	GPS Code (Pseudo R	NAD83
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4734	GPS Code (Pseudo R	NAD83
4769	GPS Code (Pseudo R	NAD83
4798	GPS Code (Pseudo R	NAD83
6578	GPS Code (Pseudo R	NAD83
4855	GPS Code (Pseudo R	NAD83
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5146	GPS Code (Pseudo R	NAD83
5231	Interpolation-Map	NAD83
5231	Interpolation-Map	NAD83
4892	GPS Code (Pseudo R	NAD83
5195	GPS Code (Pseudo R	NAD83

5079	GPS Code (Pseudo R	NAD83
5220	Interpolation-Map	NAD83
5231	Interpolation-Map	NAD83
5269	GPS Code (Pseudo R	NAD83
7287	GPS Code (Pseudo R	NAD83
6168	GPS Code (Pseudo R	NAD83
6961	GPS Code (Pseudo R	NAD83
6760	Interpolation-Map	NAD83
6802	GPS Code (Pseudo R	NAD83
7760	Interpolation-Map	NAD83
7641	GPS Code (Pseudo R	NAD83
7540	GPS Code (Pseudo R	NAD83
7640	Interpolation-Map	NAD83
6800	Interpolation-Map	NAD83
6309	GPS Code (Pseudo R	NAD83
7060	GPS Code (Pseudo R	NAD83
7020	GPS Code (Pseudo R	NAD83
6780	GPS Code (Pseudo R	NAD83
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5975	GPS Code (Pseudo R	NAD83
7507	GPS Code (Pseudo R	NAD83
7047	GPS Code (Pseudo R	NAD83
7073	GPS Code (Pseudo R	NAD83
7073	GPS Code (Pseudo R	NAD83
7073	GPS Code (Pseudo R	NAD83
7500	GPS Code (Pseudo R	NAD83
7801	GPS Code (Pseudo R	NAD83
7510	Interpolation-Map	NAD83
6920	Interpolation-Map	NAD83
6684	GPS Code (Pseudo R	NAD83
7100	GPS Code (Pseudo R	NAD83
5883	GPS Code (Pseudo R	NAD83
7123	GPS Code (Pseudo R	NAD83
6302	GPS Code (Pseudo R	NAD83
6296	GPS Code (Pseudo R	NAD83
6580	Interpolation-Map	NAD83
6444	GPS Code (Pseudo R	NAD83
6440	GPS Code (Pseudo R	NAD83
6444	GPS Code (Pseudo R	NAD83
6444	GPS Code (Pseudo R	NAD83
6421	GPS Code (Pseudo R	NAD83
4742	GPS Code (Pseudo R	NAD83
4782	GPS Code (Pseudo R	NAD83
6564	GPS Code (Pseudo R	NAD83
6450	GPS Code (Pseudo R	NAD83
4460	GPS Code (Pseudo R	NAD83

4140	GPS Code (Pseudo R	NAD83
4381	GPS Code (Pseudo R	NAD83
4092	GPS Code (Pseudo R	NAD83
4111	GPS Code (Pseudo R	NAD83
4098	Interpolation-Map	NAD83
4508	GPS Code (Pseudo R	NAD83
6230	GPS Code (Pseudo R	NAD83
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5650	GPS Code (Pseudo R	NAD83
5660	Interpolation-Map	NAD83
5975	GPS Code (Pseudo R	NAD83
4423	GPS Code (Pseudo R	NAD83
4577	GPS Code (Pseudo R	NAD83
3094	GPS Code (Pseudo R	NAD83
4405	GPS Code (Pseudo R	NAD83
4480	GPS Code (Pseudo R	NAD83
5040	GPS Code (Pseudo R	NAD83
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5362	GPS Code (Pseudo R	NAD83
4103	GPS Code (Pseudo R	NAD83
4084	GPS Code (Pseudo R	NAD83
11462	GPS Code (Pseudo R	NAD83
10692	GPS Code (Pseudo R	NAD83
9382	GPS Code (Pseudo R	NAD83
6486	GPS Code (Pseudo R	NAD83







GPS Code (Pseudo Range) Standard Position (SA Off)	NM	San Juan
Topographic Map Interpolation	NM	San Juan
Topographic Map Interpolation	NM	San Juan
GPS Code (Pseudo Range) Standard Position (SA Off)	NM	Bernalillo
GPS Code (Pseudo Range) Standard Position (SA Off)	NM	Cibola
GPS Code (Pseudo Range) Standard Position (SA Off)	NM	Socorro
GPS Code (Pseudo Range) Standard Position (SA Off)	NM	Cibola
Topographic Map Interpolation	NM	McKinley
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Apache
Topographic Map Interpolation	NM	San Juan
GPS Code (Pseudo Range) Standard Position (SA Off)	NM	McKinley
GPS Code (Pseudo Range) Standard Position (SA Off)	NM	McKinley
	NM	McKinley
Topographic Map Interpolation	AZ	Apache
GPS Code (Pseudo Range) Standard Position (SA Off)	NM	McKinley
Topographic Map Interpolation	NM	McKinley
Topographic Map Interpolation	AZ	Apache
Topographic Map Interpolation	AZ	Apache
Topographic Map Interpolation	AZ	Apache
Topographic Map Interpolation	AZ	Apache
Topographic Map Interpolation	AZ	Apache
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Apache
GPS Code (Pseudo Range) Standard Position (SA Off)	NM	McKinley
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Apache
GPS Code (Pseudo Range) Standard Position (SA Off)	NM	McKinley
GPS Code (Pseudo Range) Standard Position (SA Off)	NM	McKinley
GPS Code (Pseudo Range) Standard Position (SA Off)	NM	McKinley
Topographic Map Interpolation	NM	McKinley
GPS Code (Pseudo Range) Standard Position (SA Off)	NM	McKinley
	NM	McKinley
Topographic Map Interpolation	AZ	Apache
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Apache
GPS Code (Pseudo Range) Standard Position (SA Off)	NM	McKinley
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Apache
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Apache
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Apache
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Apache
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Apache
Topographic Map Interpolation	AZ	Apache
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Apache
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Apache
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Apache
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Apache
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Apache
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Navajo
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Navajo
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Navajo
Topographic Map Interpolation	AZ	Navajo
Topographic Map Interpolation	AZ	Coconino

Topographic Map Interpolation	AZ	Coconino
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Coconino
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Coconino
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Coconino
Topographic Map Interpolation	AZ	Coconino
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Coconino
Topographic Map Interpolation	AZ	Navajo
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Navajo
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Coconino
Topographic Map Interpolation	AZ	Coconino
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Coconino
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Coconino
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Coconino
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Coconino
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Coconino
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Coconino
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Navajo
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Navajo
GPS Code (Pseudo Range) Standard Position (SA Off)	AZ	Navajo
GPS Code (Pseudo Range) Standard Position (SA Off)	UT	San Juan
GPS Code (Pseudo Range) Standard Position (SA Off)	UT	San Juan
GPS Code (Pseudo Range) Standard Position (SA Off)	CO	San Juan
GPS Code (Pseudo Range) Standard Position (SA Off)	CO	San Juan
GPS Code (Pseudo Range) Standard Position (SA Off)	CO	San Juan
GPS Code (Pseudo Range) Standard Position (SA Off)	CO	La Plata

<b>USGS 7.5 Minute Topo Quad</b>
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**Comments**

Chinle	
Mexican Water	
Crystal	
Dennehotso	
Lukachukai	
Lukachukai	
Lukachukai	
Bad Bug Butte	
Nazlini	
Tsaile Butte	
Tsaile	Primarily a bug site (TSAI2)
Tsaile	
Tsaile	
Pastora Peak	
Tsaile Butte	
Tsaile	
Lukachukai	
Upper Wheatfields	Bug site as well (WHIS2)
Lower Wheatfields	
Marsh Pass	
Bad Bug Butte	Sampled, but location not properly recorded
Sonsela Buttes	
Upper Wheatfields	
Upper Wheatfields	
Tsaile	
Tsaile	
Upper Wheatfields	
Upper Wheatfields	
Tsaile	
Tsaile	
Many Farms	
Many Farms	
Bad Bug Butte	Sampled, but location not properly recorded
Betatakin Ruin	
Betatakin Ruin	
Lukachukai	
Upper Wheatfields	
Chilchinbito	
Fire Dance Mesa	

Lower Wheatfields	Bug (WHEA3) and WQ site
Kinusta Mesa	
Blue Gap	
Recapture Pocket	
White Mesa Village	
Beclabito	Bug site as well (TEEC1)
Pastora Peak	
Hogan Mesa	
Teec Nos Pos	
Montezuma Creek	
Bluff	
Aneth	
Montezuma Creek	
Montezuma Creek	
Montezuma Creek	
Aneth	
Wickiup Canyon	
Mesita Del Gavilan	
Wolf Stand	
The Hogback North	
Toadlena	
The Hogback North	
Shiprock	
The Hogback North	
Newcomb SE	
Hunter Wash	
Kirtland SW	
Sanostee West	
Bisti Trading Post	
Sanostee East	
Two Grey Hills	
Toadlena	
Hunter Wash	Location chosen, but not sampled yet
Fruitland	
Sanostee West	
Chuska Peak	
Two Grey Hills	
Hunter Wash	
Chuska Peak	
Fruitland	
Toadlena	
Sulphur Spring	
Chuska Peak	
Chuska Lake	

Chuska Peak	
Crystal	
The Hogback North	
The Hogback North	
Newcomb SE	
The Hogback North	
Newcomb NE	
Sallies Spring	
Farmington South	
Fresno Canyon	
Cutter Canyon	
Kirtland	
Kirtland	
Kirtland	
Kirtland	
Chimney Rock	
Kirtland	
Fruitland	
Boiling Over Well	
Cove	
Red Valley	
Shiprock	
Lukachukai	
Red Valley	
Chimney Rock	
Rocky Point	
Beclabito	
Beclabito	
Kirtland	
Kirtland	
Kirtland	
Beclabito	
Fruitland	
Shiprock	
Beclabito	
The Hogback North	
Sallies Spring	
Shiprock	
Shiprock	
Cove	
Shiprock	NPDES sample site
Shiprock	NPDES sample site
Shiprock	NPDES sample site
Fruitland	NPDES sample site
Kirtland	
Kirtland	
Kirtland	
Shiprock	

Fruitland

Kirtland

Kirtland

La Mesita Negra

Prewitt

Puertecito

Togeye Lake

Window Rock                      Sampled, but location not properly recorded

Window Rock

Crystal

Todilto Park                      Bug site (ASAA2)

Todilto Park

Todilto Park

Window Rock

Gallup West

Buell Park

Buell Park

Window Rock

Window Rock

Surrender Canyon

Houck

Houck

Todilto Park

Buell Park

Buell Park

Buell Park

Buell Park

Todilto Park

Todilto Park

Todilto Park

Window Rock

Window Rock

Buell Park

Burntwater Wash

Antelope Lake

Ganado

Ganado

Kinlichee

Ganado

Ganado

Ganado

Ganado

Ganado

Winslow NW

Winslow NW

Hole in Rock Valley

Owl Valley

Standing Rocks

Cameron South
Cameron South
Cameron North
Cameron North
Cameron North
Moenave SE
Shonto
Shonto
Cow Springs
Cow Springs
Big Whisker Well
Shadow Mountain Well
Moenkopi
Lees Ferry
Chaiyahi Rim SW

Sampled, but location not properly recorded

Chaiyahi Flat  
Mitten Buttes  
Tall Mountain  
Tseyi-Hatsosi  
Deep Canyon South

Ironton  
Ironton  
Silverton  
Durango West

<b>Project ID</b>	<b>Station ID</b>	<b>Activity ID</b>	<b>Activity Type</b>	<b>Medium</b>
LTMON	15ASAAYICR05	15-05_19961108_Obs	Field Msr/Obs	Water
LTMON	15ASAAYICR05	15-05_19961108_Obs	Field Msr/Obs	Water
LTMON	15ASAAYICR05	15-05_19961108_Obs	Field Msr/Obs	Water
LTMON	15ASAAYICR05	15-05_19961108_Obs	Field Msr/Obs	Water
LTMON	15ASAAYICR05	15-05_19961108_Obs	Field Msr/Obs	Water
LTMON	15ASAAYICR05	15-05_19961108_Obs	Field Msr/Obs	Water
LTMON	15ASAAYICR05	15-05_19961108_Obs	Field Msr/Obs	Water

Activity Start Date	Activity Start Time	Activity Start Time Zone	Depth to Activity
11/08/1996	8:00	MST	

Depth to Activity Units	Sample Collection Method ID	Sample Collection Equipment
	NNEPAWQP-Meas	Probe/Sensor
	NNEPAWQP-Grab	Straw Water Bottle

CAS Number	Characteristic Name	Method Speciation	Sample Fraction
DO	Dissolved oxygen (DO)		
pH	pH		Total
Salinity	Salinity		
SC	Specific conductance		
Temp_water	Temperature, water		
TDS	Total dissolved solids		
Turbidity	Turbidity		

Result Value	Lower/Upper Confidence Value	Result Detection Condition	Result Value Units	Result Status	Result Value Type
8.3			mg/L	Preliminary	
7.47			None	Preliminary	
0.10			0/00	Preliminary	
216			uS/cm	Preliminary	
0.5			deg C	Preliminary	
93			mg/L	Preliminary	
2.17			NTU	Preliminary	

Lab Name	Lab Sample ID
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Received Date	Field/Lab Procedure	Field/Lab Procedure Source	Analysis Date	Batch	DL	RL (PQL)
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Dilution	Result Comments
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Project ID	Station #	Station ID	Activity ID	Activity Type	Activity Category
LTMON	01-01	01CHINLEWA01	01-01_19990715_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-01	01CHINLEWA01	01-01_20010416_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-01	01CHINLEWA01	01-01_20030327_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-01	01CHINLEWA01	01-01_20040325_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-01	01CHINLEWA01	01-01_20080506_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-01	01CHINLEWA01	01-01_20120726_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-01	01CHINLEWA01	01-01_20130716_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-01	01CHINLEWA01	01-01_20130813_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-01	01CHINLEWA01	01-01_20130826_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-01	01CHINLEWA01	01-01_20130910_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-02	01CHINLEWA02	01-02_20000906_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-02	01CHINLEWA02	01-02_20120726_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-02	01CHINLEWA02	01-02_20120822_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-02	01CHINLEWA02	01-02_20130716_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-02	01CHINLEWA02	01-02_20130813_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-02	01CHINLEWA02	01-02_20130910_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-03	01CRYSTALC03	01-03_19950808_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-03	01CRYSTALC03	01-03_19960402_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-03	01CRYSTALC03	01-03_19960410_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-03	01CRYSTALC03	01-03_19960724_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-03	01CRYSTALC03	01-03_19970410_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-03	01CRYSTALC03	01-03_19970715_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-03	01CRYSTALC03	01-03_19970826_Obs	Field Msr/Obs	Routine Msr/Obs
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01CHINLE	01-03	01CRYSTALC03	01-03_20000627_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-03	01CRYSTALC03	01-03_20000829_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-03	01CRYSTALC03	01-03_20020327_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-03	01CRYSTALC03	01-03_20040323_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-03	01CRYSTALC03	01-03_20060622_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-03	01CRYSTALC03	01-03_20080609_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-03	01CRYSTALC03	01-03_20090624_Obs	Field Msr/Obs	Routine Msr/Obs
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01CHINLE	01-03	01CRYSTALC03	01-03_20130729_Obs	Field Msr/Obs	Routine Msr/Obs
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01CHINLE	01-03	01CRYSTALC03	01-03_20130916_Obs	Field Msr/Obs	Routine Msr/Obs

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LTMON	01-05	01LUKACHUK05	01-05_19960411_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-05	01LUKACHUK05	01-05_19960925_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-05	01LUKACHUK05	01-05_19970721_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-05	01LUKACHUK05	01-05_19970825_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-05	01LUKACHUK05	01-05_19980908_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-05	01LUKACHUK05	01-05_19990714_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-05	01LUKACHUK05	01-05_19990928_Obs	Field Msr/Obs	Routine Msr/Obs
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01CHINLE	01-05	01LUKACHUK05	01-05_20000831_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-05	01LUKACHUK05	01-05_20020402_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-05	01LUKACHUK05	01-05_20030320_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-05	01LUKACHUK05	01-05_20040324_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-05	01LUKACHUK05	01-05_20050822_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-05	01LUKACHUK05	01-05_20060620_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-05	01LUKACHUK05	01-05_20080610_Obs	Field Msr/Obs	Routine Msr/Obs
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01CHINLE	01-05	01LUKACHUK05	01-05_20110630_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-05	01LUKACHUK05	01-05_20120802_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-05	01LUKACHUK05	01-05_20120830_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-05	01LUKACHUK05	01-05_20130722_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-05	01LUKACHUK05	01-05_20130812_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-06	01LUKACHUK06	01-06_19951012_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-06	01LUKACHUK06	01-06_19960411_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-06	01LUKACHUK06	01-06_19960925_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-06	01LUKACHUK06	01-06_19970721_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-06	01LUKACHUK06	01-06_19970825_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-06	01LUKACHUK06	01-06_19970904_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-06	01LUKACHUK06	01-06_19980908_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-06	01LUKACHUK06	01-06_19990923_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-06	01LUKACHUK06	01-06_20000912_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-07	01LUKACHUK07	01-07_19970411_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-07	01LUKACHUK07	01-07_19970825_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-07	01LUKACHUK07	01-07_19970904_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-07	01LUKACHUK07	01-07_19980908_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-08	01LUKACHUK08	01-08_20000817_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-09	01NAZLINIC09	01-09_20030327_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-09	01NAZLINIC09	01-09_20050810_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-09	01NAZLINIC09	01-09_20080731_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-09	01NAZLINIC09	01-09_20090721_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-09	01NAZLINIC09	01-09_20120814_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-09	01NAZLINIC09	01-09_20120830_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-09	01NAZLINIC09	01-09_20130724_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-09	01NAZLINIC09	01-09_20130820_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-09	01NAZLINIC09	01-09_20130918_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-10	01SPRINGTS10	01-10_19970722_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-11	01TSAILECR11	01-11_19960403_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-11	01TSAILECR11	01-11_19970825_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-11	01TSAILECR11	01-11_19980914_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-11	01TSAILECR11	01-11_19980924_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-11	01TSAILECR11	01-11_19990720_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-11	01TSAILECR11	01-11_20090720_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-12	01TSAILECR12	01-12_19960411_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-12	01TSAILECR12	01-12_19980924_Obs	Field Msr/Obs	Routine Msr/Obs
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01CHINLE	01-12	01TSAILECR12	01-12_20000830_Obs	Field Msr/Obs	Routine Msr/Obs
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01CHINLE	01-12	01TSAILECR12	01-12_20130912_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-13	01TSAILECR13	01-13_20000830_Obs	Field Msr/Obs	Routine Msr/Obs

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LTMON	01-16	01TSAILETR16	01-16_19950731_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-16	01TSAILETR16	01-16_19950808_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-16	01TSAILETR16	01-16_19951012_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-17	01TOHTSOCR17	01-17_19960411_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-17	01TOHTSOCR17	01-17_19960925_Obs	Field Msr/Obs	Routine Msr/Obs
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01CHINLE	01-17	01TOHTSOCR17	01-17_20000710_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-17	01TOHTSOCR17	01-17_20000912_Obs	Field Msr/Obs	Routine Msr/Obs
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01CHINLE	01-17	01TOHTSOCR17	01-17_20130812_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-17	01TOHTSOCR17	01-17_20130905_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-18	01WHEATFIE18	01-18_19950731_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-18	01WHEATFIE18	01-18_19970714_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-18	01WHEATFIE18	01-18_19970909_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-18	01WHEATFIE18	01-18_19980914_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-18	01WHEATFIE18	01-18_19990720_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-18	01WHEATFIE18	01-18_19990928_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-18	01WHEATFIE18	01-18_20000629_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-18	01WHEATFIE18	01-18_20000830_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-18	01WHEATFIE18	01-18_20010417_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-18	01WHEATFIE18	01-18_20010723_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-18	01WHEATFIE18	01-18_20020401_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-18	01WHEATFIE18	01-18_20050823_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-18	01WHEATFIE18	01-18_20060621_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-18	01WHEATFIE18	01-18_20080702_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-18	01WHEATFIE18	01-18_20090715_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-18	01WHEATFIE18	01-18_20120814_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-18	01WHEATFIE18	01-18_20120910_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-18	01WHEATFIE18	01-18_20130730_Obs	Field Msr/Obs	Routine Msr/Obs

01CHINLE	01-18	01WHEATFIE18	01-18_20130829_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-18	01WHEATFIE18	01-18_20130912_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-19	01WHEATFIE19	01-19_19950807_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-19	01WHEATFIE19	01-19_19960410_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-19	01WHEATFIE19	01-19_19960805_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-19	01WHEATFIE19	01-19_19970708_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-19	01WHEATFIE19	01-19_19970722_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-19	01WHEATFIE19	01-19_19970825_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-19	01WHEATFIE19	01-19_19970909_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-19	01WHEATFIE19	01-19_19980902_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-19	01WHEATFIE19	01-19_19980914_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-20	01WHEATFIE20	01-20_19970411_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-21	01WHEATFIE21	01-21_20000911_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-22	01WHEATFIE22	01-22_20000911_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-23	01WHISKEYC23	01-23_19950731_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-23	01WHISKEYC23	01-23_19960403_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-23	01WHISKEYC23	01-23_19960410_Obs	Field Msr/Obs	Routine Msr/Obs
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01CHINLE	01-23	01WHISKEYC23	01-23_20000829_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-23	01WHISKEYC23	01-23_20080714_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-23	01WHISKEYC23	01-23_20090722_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-23	01WHISKEYC23	01-23_20120806_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-23	01WHISKEYC23	01-23_20120829_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-23	01WHISKEYC23	01-23_20130729_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-24	01WHISKEYC24	01-24_19990714_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-25	01LAGUNACR25	01-25_20020815_Obs	Field Msr/Obs	Routine Msr/Obs

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LTMON	01-25	01LAGUNACR25	01-25_20050322_Obs	Field Msr/Obs	Routine Msr/Obs
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01CHINLE	01-25	01LAGUNACR25	01-25_20120725_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-25	01LAGUNACR25	01-25_20120822_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-25	01LAGUNACR25	01-25_20130731_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-25	01LAGUNACR25	01-25_20130822_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-25	01LAGUNACR25	01-25_20130911_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-27	01SKINNYCR27	01-27_19980908_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-28	01CRYSTALC28	01-28_20000829_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-29	01SMALLCRE29	01-29_19980902_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-30	01WHEATLAK30	01-30_19970714_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-35	01WHEATLAK35	01-35_20050831_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-35	01WHEATLAK35	01-35_20060823_Obs	Field Msr/Obs	Routine Msr/Obs

LTMON	01-35	01WHEATLAK35	01-35_20080804_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-35	01WHEATLAK35	01-35_20090810_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-37	01TSAILELA37	01-37_20080731_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-37	01TSAILELA37	01-37_20090804_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-37	01TSAILELA37	01-37_20130806_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-38	01MANYFARM38	01-38_20010920_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-38	01MANYFARM38	01-38_20030721_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	01-38	01MANYFARM38	01-38_20050811_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-38	01MANYFARM38	01-38_20080729_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-39	01MANYFARM39	01-39_20030721_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-48	01LUKACHUK48	01-48_19990714_Obs	Field Msr/Obs	Routine Msr/Obs
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01CHINLE	01-50	01AASAYIIW50	01-50_20120808_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-50	01AASAYIIW50	01-50_20120828_Obs	Field Msr/Obs	Routine Msr/Obs
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01CHINLE	01-50	01AASAYIIW50	01-50_20130822_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	01-51	01RNDROCKL51	01-51_20060802_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-52	01WHEATFIE52	01-52_20120813_Obs	Field Msr/Obs	Routine Msr/Obs
01CHINLE	01-52	01WHEATFIE52	01-52_20120906_Obs	Field Msr/Obs	Routine Msr/Obs
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01CHINLE	01-53	01ALCOVECA53	01-53_20120724_Obs	Field Msr/Obs	Routine Msr/Obs
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02LSJ4CO	02-02	02DESERTCR02	02-02_20010312_Obs	Field Msr/Obs	Routine Msr/Obs
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02LSJ4CO	02-03	02TEECNOSP03	02-03_20130814_Obs	Field Msr/Obs	Routine Msr/Obs
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02LSJ4CO	02-04	02TOHDAHST04	02-04_20130919_Obs	Field Msr/Obs	Routine Msr/Obs
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SJR-Invest	02-06	02SANJUANR06	02-06_20150721_Obs	Field Msr/Obs	Routine Msr/Obs
SJR-Invest	02-06	02SANJUANR06	02-06_20150728_Obs	Field Msr/Obs	Routine Msr/Obs

GKM	02-06	02SANJUANR06	02-06_20150812_Obs	Field Msr/Obs	Routine Msr/Obs
GKM	02-06	02SANJUANR06	02-06_20150826_Obs	Field Msr/Obs	Routine Msr/Obs
02LSJ4CO	02-07	02SANJUANR07	02-07_20120731_Obs	Field Msr/Obs	Routine Msr/Obs
02LSJ4CO	02-07	02SANJUANR07	02-07_20120829_Obs	Field Msr/Obs	Routine Msr/Obs
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02LSJ4CO	02-07	02SANJUANR07	02-07_20130815_Obs	Field Msr/Obs	Routine Msr/Obs
02LSJ4CO	02-07	02SANJUANR07	02-07_20130904_Obs	Field Msr/Obs	Routine Msr/Obs
SJR-Invest	02-07	02SANJUANR07	02-07_20150722_Obs	Field Msr/Obs	Routine Msr/Obs
SJR-Invest	02-07	02SANJUANR07	02-07_20150730_Obs	Field Msr/Obs	Routine Msr/Obs
GKM	02-07	02SANJUANR07	02-07_20150812_Obs	Field Msr/Obs	Routine Msr/Obs
02LSJ4CO	02-08	02SANJUANR08	02-08_20120731_Obs	Field Msr/Obs	Routine Msr/Obs
02LSJ4CO	02-08	02SANJUANR08	02-08_20120829_Obs	Field Msr/Obs	Routine Msr/Obs
02LSJ4CO	02-08	02SANJUANR08	02-08_20130717_Obs	Field Msr/Obs	Routine Msr/Obs
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02LSJ4CO	02-08	02SANJUANR08	02-08_20130904_Obs	Field Msr/Obs	Routine Msr/Obs
SJR-Invest	02-08	02SANJUANR08	02-08_20150722_Obs	Field Msr/Obs	Routine Msr/Obs
SJR-Invest	02-08	02SANJUANR08	02-08_20150730_Obs	Field Msr/Obs	Routine Msr/Obs
GKM	02-08	02SANJUANR08	02-08_20150812_Obs	Field Msr/Obs	Routine Msr/Obs
03MONTEZ	03-01	03MONTEZUM01	03-01_20010313_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	03-01	03MONTEZUM01	03-01_20080501_Obs	Field Msr/Obs	Routine Msr/Obs
03MONTEZ	03-01	03MONTEZUM01	03-01_20100408_Obs	Field Msr/Obs	Routine Msr/Obs
03MONTEZ	03-01	03MONTEZUM01	03-01_20100505_Obs	Field Msr/Obs	Routine Msr/Obs
03MONTEZ	03-01	03MONTEZUM01	03-01_20110511_Obs	Field Msr/Obs	Routine Msr/Obs
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03MONTEZ	03-01	03MONTEZUM01	03-01_20120912_Obs	Field Msr/Obs	Routine Msr/Obs
PUBOUT	03-02	03KJONESFW02	03-02_20050302_Obs	Field Msr/Obs	Routine Msr/Obs
PUBOUT	03-03	03KJONESFP03	03-03_20050309_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	04-01	04MCELMOCR01	04-01_19980910_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	04-01	04MCELMOCR01	04-01_20000712_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	04-01	04MCELMOCR01	04-01_20000907_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	04-01	04MCELMOCR01	04-01_20050915_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	04-01	04MCELMOCR01	04-01_20080515_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	04-01	04MCELMOCR01	04-01_20090623_Obs	Field Msr/Obs	Routine Msr/Obs
04MCELMO	04-01	04MCELMOCR01	04-01_20100406_Obs	Field Msr/Obs	Routine Msr/Obs
04MCELMO	04-01	04MCELMOCR01	04-01_20100506_Obs	Field Msr/Obs	Routine Msr/Obs
04MCELMO	04-01	04MCELMOCR01	04-01_20100826_Obs	Field Msr/Obs	Routine Msr/Obs

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LTMON	05-01	05NFORKARR01	05-01_20050310_Obs	Field Msr/Obs	Routine Msr/Obs
05ARROYO	05-02	05TORREONW02	05-02_20030904_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	05-02	05TORREONW02	05-02_20040414_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	06-01	06CHACORIV01	06-01_20080507_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	06-01	06CHACORIV01	06-01_20090610_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-01	06CHACORIV01	06-01_20100325_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-01	06CHACORIV01	06-01_20100422_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-01	06CHACORIV01	06-01_20100830_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-01	06CHACORIV01	06-01_20110728_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-01	06CHACORIV01	06-01_20110831_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	06-02	06CAPTAINT02	06-02_19970826_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	06-02	06CAPTAINT02	06-02_20000718_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	06-03	06CHACORIV03	06-03_19990722_Obs	Field Msr/Obs	Routine Msr/Obs
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SJR-Invest	06-04	06CHACORIV04	06-04_20150714_Obs	Field Msr/Obs	Routine Msr/Obs
SJR-Invest	06-04	06CHACORIV04	06-04_20150723_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	06-05	06CHACORIV05	06-05_20000919_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-06	06CHACORIV06	06-06_20100325_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-06	06CHACORIV06	06-06_20100421_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-06	06CHACORIV06	06-06_20100831_Obs	Field Msr/Obs	Routine Msr/Obs
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06CHACOW	06-07	06CHACORIV07	06-07_20100824_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-07	06CHACORIV07	06-07_20110726_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-07	06CHACORIV07	06-07_20110830_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-08	06CHINDEWA08	06-08_20010315_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-08	06CHINDEWA08	06-08_20010807_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-08	06CHINDEWA08	06-08_20100421_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	06-09	06SANOSTEE09	06-09_19990722_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-10	06HUNTERTR10	06-10_20010307_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-11	06TOCITOWA11	06-11_20010307_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-12	06CAPTAINT12	06-12_20010329_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	06-12	06CAPTAINT12	06-12_20020321_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	06-13	06TOADLENA13	06-13_19970910_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-15	06CHINDEWA15	06-15_20010315_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-15	06CHINDEWA15	06-15_20010807_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	06-15	06CHINDEWA15	06-15_20030325_Obs	Field Msr/Obs	Routine Msr/Obs
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06CHACOW	06-15	06CHINDEWA15	06-15_20110901_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-16	06SANOSTEE16	06-16_20010315_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-16	06SANOSTEE16	06-16_20010802_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	06-16	06SANOSTEE16	06-16_20090615_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-16	06SANOSTEE16	06-16_20100323_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-16	06SANOSTEE16	06-16_20100427_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	06-17	06WHISKEYL17	06-17_20050718_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-18	06CAPTAINT18	06-18_20010809_Obs	Field Msr/Obs	Routine Msr/Obs

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LTMON	06-20	06WHISKEYL20	06-20_20080728_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	06-20	06WHISKEYL20	06-20_20090811_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-20	06WHISKEYL20	06-20_20100816_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	06-21	06MORGANLA21	06-21_20090806_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-21	06MORGANLA21	06-21_20100819_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	06-22	06MORGANLA22	06-22_20020821_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	06-22	06MORGANLA22	06-22_20030716_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	06-22	06MORGANLA22	06-22_20090806_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-22	06MORGANLA22	06-22_20100819_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	06-24	06MORGANLA24	06-24_20020905_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	06-28	06WHISKEYL28	06-28_20040804_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	06-29	06CHUSKALA29	06-29_20050926_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	06-29	06CHUSKALA29	06-29_20060815_Obs	Field Msr/Obs	Routine Msr/Obs
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LTMON	06-31	06BERLANDL31	06-31_20090728_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-31	06BERLANDL31	06-31_20100816_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	06-32	06APSSEEP132	06-32_20080520_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-33	06CHACORIV33	06-33_20100325_Obs	Field Msr/Obs	Routine Msr/Obs
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06CHACOW	06-34	06CAPTAINT34	06-34_20100420_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-35	06APSTRIX35	06-35_20100422_Obs	Field Msr/Obs	Routine Msr/Obs
06CHACOW	06-36	06PINABETE36	06-36_20100830_Obs	Field Msr/Obs	Routine Msr/Obs
07MANCOS	07-01	07MANCOSRI01	07-01_20010313_Obs	Field Msr/Obs	Routine Msr/Obs
07MANCOS	07-01	07MANCOSRI01	07-01_20010815_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	07-01	07MANCOSRI01	07-01_20020328_Obs	Field Msr/Obs	Routine Msr/Obs
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07MANCOS	07-01	07MANCOSRI01	07-01_20100510_Obs	Field Msr/Obs	Routine Msr/Obs
07MANCOS	07-01	07MANCOSRI01	07-01_20100826_Obs	Field Msr/Obs	Routine Msr/Obs
07MANCOS	07-01	07MANCOSRI01	07-01_20110602_Obs	Field Msr/Obs	Routine Msr/Obs
SJR-Invest	07-01	07MANCOSRI01	07-01_20150720_Obs	Field Msr/Obs	Routine Msr/Obs
SJR-Invest	07-01	07MANCOSRI01	07-01_20150727_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	08-01	08GALLEGOS01	08-01_20000717_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	08-01	08GALLEGOS01	08-01_20000919_Obs	Field Msr/Obs	Routine Msr/Obs
08UPSJR	08-01	08GALLEGOS01	08-01_20010308_Obs	Field Msr/Obs	Routine Msr/Obs
08UPSJR	08-01	08GALLEGOS01	08-01_20010807_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	08-01	08GALLEGOS01	08-01_20020326_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	08-01	08GALLEGOS01	08-01_20030319_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	08-01	08GALLEGOS01	08-01_20040407_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	08-01	08GALLEGOS01	08-01_20050811_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	08-01	08GALLEGOS01	08-01_20060614_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	08-01	08GALLEGOS01	08-01_20080707_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	08-01	08GALLEGOS01	08-01_20090608_Obs	Field Msr/Obs	Routine Msr/Obs
08UPSJR	08-01	08GALLEGOS01	08-01_20100412_Obs	Field Msr/Obs	Routine Msr/Obs
08UPSJR	08-01	08GALLEGOS01	08-01_20100511_Obs	Field Msr/Obs	Routine Msr/Obs
08UPSJR	08-01	08GALLEGOS01	08-01_20100825_Obs	Field Msr/Obs	Routine Msr/Obs
08UPSJR	08-01	08GALLEGOS01	08-01_20110606_Obs	Field Msr/Obs	Routine Msr/Obs
08UPSJR	08-01	08GALLEGOS01	08-01_20110705_Obs	Field Msr/Obs	Routine Msr/Obs
09BLANCO	09-01	09BLANCOCA01	09-01_20010308_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	09-01	09BLANCOCA01	09-01_20030319_Obs	Field Msr/Obs	Routine Msr/Obs
09BLANCO	09-01	09BLANCOCA01	09-01_20100407_Obs	Field Msr/Obs	Routine Msr/Obs
09BLANCO	09-01	09BLANCOCA01	09-01_20110912_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	09-02	09CUTTERLA02	09-02_20060817_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	09-02	09CUTTERLA02	09-02_20080806_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	09-02	09CUTTERLA02	09-02_20090805_Obs	Field Msr/Obs	Routine Msr/Obs

09BLANCO	09-02	09CUTTERLA02	09-02_20100818_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-01	10UFRUSEEP01	10-01_19990924_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-02	10UFRUSEEP02	10-02_19990924_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-03	10UFRUSEEP03	10-03_19990927_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-03	10UFRUSEEP03	10-03_20000713_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-04	10OJOAMARI04	10-04_19990930_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-04	10OJOAMARI04	10-04_20000713_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-04	10OJOAMARI04	10-04_20000920_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-04	10OJOAMARI04	10-04_20010306_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-04	10OJOAMARI04	10-04_20010730_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-04	10OJOAMARI04	10-04_20020325_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-04	10OJOAMARI04	10-04_20030331_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-04	10OJOAMARI04	10-04_20040407_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-04	10OJOAMARI04	10-04_20050818_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-04	10OJOAMARI04	10-04_20060608_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-04	10OJOAMARI04	10-04_20080708_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-04	10OJOAMARI04	10-04_20090714_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-04	10OJOAMARI04	10-04_20100324_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-04	10OJOAMARI04	10-04_20100503_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-04	10OJOAMARI04	10-04_20100823_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-04	10OJOAMARI04	10-04_20110525_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-04	10OJOAMARI04	10-04_20110719_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-05	10EAGLENES05	10-05_20000920_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-05	10EAGLENES05	10-05_20010314_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-05	10EAGLENES05	10-05_20110526_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-05	10EAGLENES05	10-05_20110627_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-05	10EAGLENES05	10-05_20110822_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-05	10EAGLENES05	10-05_20120807_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-05	10EAGLENES05	10-05_20120905_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-06	10FRUITLAN06	10-06_19990930_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-07	10BITSUIWA07	10-07_20010306_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-07	10BITSUIWA07	10-07_20020325_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-07	10BITSUIWA07	10-07_20100317_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-07	10BITSUIWA07	10-07_20100428_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-07	10BITSUIWA07	10-07_20100823_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-07	10BITSUIWA07	10-07_20110525_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-07	10BITSUIWA07	10-07_20110719_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-08	10PINEWASH08	10-08_20010314_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-08	10PINEWASH08	10-08_20010806_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-09	10COVEWASH09	10-09_20010312_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-09	10COVEWASH09	10-09_20010806_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-10	10REDWASHX10	10-10_20010312_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-10	10REDWASHX10	10-10_20020320_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-10	10REDWASHX10	10-10_20030326_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-10	10REDWASHX10	10-10_20040406_Obs	Field Msr/Obs	Routine Msr/Obs
LTMON	10-10	10REDWASHX10	10-10_20050315_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-10	10REDWASHX10	10-10_20110523_Obs	Field Msr/Obs	Routine Msr/Obs
10MIDSJR	10-10	10REDWASHX10	10-10_20110912_Obs	Field Msr/Obs	Routine Msr/Obs

10MIDSJR	10-10	10REDWASHX10	10-10_20120725_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-10	10REDWASHX10	10-10_20120827_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-10	10REDWASHX10	10-10_20130808_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-11	10SALTCREE11	10-11_20010314_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-11	10SALTCREE11	10-11_20010801_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-11	10SALTCREE11	10-11_20110526_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-11	10SALTCREE11	10-11_20110627_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-11	10SALTCREE11	10-11_20110822_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-11	10SALTCREE11	10-11_20120807_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-11	10SALTCREE11	10-11_20120905_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-12	10SPRINGBU12	10-12_19960925_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-13	10STANDING13	10-13_20010329_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-13	10STANDING13	10-13_20010806_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-14	10EAGLENES14	10-14_20010919_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-14	10EAGLENES14	10-14_20010925_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-15	10REDWASHX15	10-15_20010808_Obs	Field	Msr/Obs	Routine	Msr/Obs
NPDES	10-16	10BECLABIT16	10-16_20010925_Obs	Field	Msr/Obs	Routine	Msr/Obs
NPDES	10-17	10BECLABIT17	10-17_20010925_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-18	10UFRUSEEP18	10-18_20000920_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-19	10UFRUSEEP19	10-19_20000920_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-20	10OJOAMARI20	10-20_20020905_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-20	10OJOAMARI20	10-20_20030320_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-20	10OJOAMARI20	10-20_20040916_Obs	Field	Msr/Obs	Routine	Msr/Obs
PUBOUT	10-21	10BECLABIT21	10-21_20020909_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-22	10BITSUIWA22	10-22_20030320_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-23	10BAKERARR23	10-23_20030320_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-23	10BAKERARR23	10-23_20040929_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-23	10BAKERARR23	10-23_20050927_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-23	10BAKERARR23	10-23_20060918_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-23	10BAKERARR23	10-23_20080710_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-23	10BAKERARR23	10-23_20090713_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-23	10BAKERARR23	10-23_20110526_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-23	10BAKERARR23	10-23_20110627_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-23	10BAKERARR23	10-23_20110825_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-23	10BAKERARR23	10-23_20120807_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-23	10BAKERARR23	10-23_20120905_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-23	10BAKERARR23	10-23_20120911_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-24	10SHOEGAME24	10-24_20050926_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-25	10SANJUANR25	10-25_20060911_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-25	10SANJUANR25	10-25_20110614_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-25	10SANJUANR25	10-25_20110718_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-25	10SANJUANR25	10-25_20110824_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-25	10SANJUANR25	10-25_20120723_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-25	10SANJUANR25	10-25_20120820_Obs	Field	Msr/Obs	Routine	Msr/Obs
SJR-Invest	10-25	10SANJUANR25	10-25_20150714_Obs	Field	Msr/Obs	Routine	Msr/Obs
SJR-Invest	10-25	10SANJUANR25	10-25_20150723_Obs	Field	Msr/Obs	Routine	Msr/Obs
GKM	10-25	10SANJUANR25	10-25_20150807_Obs	Field	Msr/Obs	Routine	Msr/Obs
GKM	10-25	10SANJUANR25	10-25_20150825_Obs	Field	Msr/Obs	Routine	Msr/Obs

LTMON	10-26	10SANJUANR26	10-26_20060911_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-26	10SANJUANR26	10-26_20110614_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-26	10SANJUANR26	10-26_20110718_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-26	10SANJUANR26	10-26_20110824_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-26	10SANJUANR26	10-26_20120723_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-26	10SANJUANR26	10-26_20120820_Obs	Field	Msr/Obs	Routine	Msr/Obs
SJR-Invest	10-26	10SANJUANR26	10-26_20150720_Obs	Field	Msr/Obs	Routine	Msr/Obs
SJR-Invest	10-26	10SANJUANR26	10-26_20150727_Obs	Field	Msr/Obs	Routine	Msr/Obs
GKM	10-26	10SANJUANR26	10-26_20150825_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-27	10MANYDEVI27	10-27_20090629_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-27	10MANYDEVI27	10-27_20110913_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-27	10MANYDEVI27	10-27_20130808_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-27	10MANYDEVI27	10-27_20130827_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-27	10MANYDEVI27	10-27_20130905_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-27	10MANYDEVI27	10-27_20130919_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	10-28	10MANYDEVI28	10-28_20090629_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-29	10COVETTRIB29	10-29_20110523_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-29	10COVETTRIB29	10-29_20110620_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-29	10COVETTRIB29	10-29_20110720_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-29	10COVETTRIB29	10-29_20120801_Obs	Field	Msr/Obs	Routine	Msr/Obs
10MIDSJR	10-29	10COVETTRIB29	10-29_20120827_Obs	Field	Msr/Obs	Routine	Msr/Obs
NPDES	10-30	10SANJUANR30	10-30_20110628_Obs	Field	Msr/Obs	Routine	Msr/Obs
NPDES	10-30	10SANJUANR30	10-30_20110721_Obs	Field	Msr/Obs	Routine	Msr/Obs
NPDES	10-30	10SANJUANR30	10-30_20110908_Obs	Field	Msr/Obs	Routine	Msr/Obs
NPDES	10-31	10SANJUANR31	10-31_20110628_Obs	Field	Msr/Obs	Routine	Msr/Obs
NPDES	10-31	10SANJUANR31	10-31_20110721_Obs	Field	Msr/Obs	Routine	Msr/Obs
NPDES	10-31	10SANJUANR31	10-31_20110908_Obs	Field	Msr/Obs	Routine	Msr/Obs
NPDES	10-32	10SHROWWTF32	10-32_20110629_Obs	Field	Msr/Obs	Routine	Msr/Obs
NPDES	10-32	10SHROWWTF32	10-32_20110721_Obs	Field	Msr/Obs	Routine	Msr/Obs
NPDES	10-32	10SHROWWTF32	10-32_20110908_Obs	Field	Msr/Obs	Routine	Msr/Obs
NPDES	10-33	10NENAWWTF33	10-33_20110629_Obs	Field	Msr/Obs	Routine	Msr/Obs
GKM	10-39	10FRUCANAL39	10-39_20150826_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	11-01	11RIOPUERC01	11-01_20050328_Obs	Field	Msr/Obs	Routine	Msr/Obs
11RPUERC	11-01	11RIOPUERC01	11-01_20100429_Obs	Field	Msr/Obs	Routine	Msr/Obs
12RSANJO	12-01	12BLUEWATE01	12-01_20030402_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	12-01	12BLUEWATE01	12-01_20040415_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	12-01	12BLUEWATE01	12-01_20050914_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	12-01	12BLUEWATE01	12-01_20060516_Obs	Field	Msr/Obs	Routine	Msr/Obs
12RSANJO	12-01	12BLUEWATE01	12-01_20100413_Obs	Field	Msr/Obs	Routine	Msr/Obs
12RSANJO	12-01	12BLUEWATE01	12-01_20100512_Obs	Field	Msr/Obs	Routine	Msr/Obs
12RSANJO	12-01	12BLUEWATE01	12-01_20100902_Obs	Field	Msr/Obs	Routine	Msr/Obs
12RSANJO	12-01	12BLUEWATE01	12-01_20110615_Obs	Field	Msr/Obs	Routine	Msr/Obs
12RSANJO	12-01	12BLUEWATE01	12-01_20110707_Obs	Field	Msr/Obs	Routine	Msr/Obs
13RSALAD	13-01	13ALAMOCRE01	13-01_20030410_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	13-01	13ALAMOCRE01	13-01_20040413_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	13-01	13ALAMOCRE01	13-01_20050927_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	13-01	13ALAMOCRE01	13-01_20080529_Obs	Field	Msr/Obs	Routine	Msr/Obs
13RSALAD	13-01	13ALAMOCRE01	13-01_20100415_Obs	Field	Msr/Obs	Routine	Msr/Obs

13RSALAD	13-01	13ALAMOCRE01	13-01_20100513_Obs	Field	Msr/Obs	Routine	Msr/Obs
13RSALAD	13-01	13ALAMOCRE01	13-01_20100901_Obs	Field	Msr/Obs	Routine	Msr/Obs
13RSALAD	13-01	13ALAMOCRE01	13-01_20110609_Obs	Field	Msr/Obs	Routine	Msr/Obs
13RSALAD	13-01	13ALAMOCRE01	13-01_20110706_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	14-01	14TOGEYECA01	14-01_20050329_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-01	15TSEBONIT01	15-01_19980923_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-02	15BONITOCR02	15-02_19960715_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-02	15BONITOCR02	15-02_19960925_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-02	15BONITOCR02	15-02_19970826_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-02	15BONITOCR02	15-02_19980915_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-02	15BONITOCR02	15-02_19990719_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-02	15BONITOCR02	15-02_20000718_Obs	Field	Msr/Obs	Routine	Msr/Obs
BLCKTMDL	15-02	15BONITOCR02	15-02_20000823_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-02	15BONITOCR02	15-02_20000906_Obs	Field	Msr/Obs	Routine	Msr/Obs
BLCKTMDL	15-02	15BONITOCR02	15-02_20010405_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-02	15BONITOCR02	15-02_20010412_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-02	15BONITOCR02	15-02_20010726_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-03	15ASAAYICR03	15-03_19980901_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-03	15ASAAYICR03	15-03_19980915_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-03	15ASAAYICR03	15-03_19990415_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-04	15ASAAYICR04	15-04_19980901_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-04	15ASAAYICR04	15-04_19980915_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-04	15ASAAYICR04	15-04_19990415_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_19950803_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_19960402_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_19960724_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_19961108_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_19970410_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_19970826_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_19970910_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_19990927_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_20000627_Obs	Field	Msr/Obs	Routine	Msr/Obs
BLCKTMDL	15-05	15ASAAYICR05	15-05_20000829_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_20000905_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_20010417_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_20010725_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_20020327_Obs	Field	Msr/Obs	Routine	Msr/Obs
15UPUERC	15-05	15ASAAYICR05	15-05_20030401_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_20040323_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_20050824_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_20060830_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_20080611_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-05	15ASAAYICR05	15-05_20090716_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-06	15ASAAYIEA06	15-06_20000905_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-07	15NATURALB07	15-07_19960918_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-07	15NATURALB07	15-07_19960919_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-07	15NATURALB07	15-07_19970826_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-07	15NATURALB07	15-07_19980921_Obs	Field	Msr/Obs	Routine	Msr/Obs

LTMON	15-07	15NATURALB07	15-07_19980929_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-08	15PUERCORI08	15-08_20000720_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-08	15PUERCORI08	15-08_20000907_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-08	15PUERCORI08	15-08_20010411_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-08	15PUERCORI08	15-08_20020611_Obs	Field	Msr/Obs	Routine	Msr/Obs
15UPUERC	15-08	15PUERCORI08	15-08_20030402_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-08	15PUERCORI08	15-08_20040330_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-08	15PUERCORI08	15-08_20040915_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-08	15PUERCORI08	15-08_20050818_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-08	15PUERCORI08	15-08_20060606_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-08	15PUERCORI08	15-08_20080521_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-08	15PUERCORI08	15-08_20090701_Obs	Field	Msr/Obs	Routine	Msr/Obs
BLCKTMDL	15-09	15TOHDILDO09	15-09_20000829_Obs	Field	Msr/Obs	Routine	Msr/Obs
BLCKTMDL	15-10	15BLACKCRE10	15-10_20000829_Obs	Field	Msr/Obs	Routine	Msr/Obs
BLCKTMDL	15-11	15BLACKCRE11	15-11_20000823_Obs	Field	Msr/Obs	Routine	Msr/Obs
BLCKTMDL	15-11	15BLACKCRE11	15-11_20010405_Obs	Field	Msr/Obs	Routine	Msr/Obs
BLCKTMDL	15-12	15BLACKCRE12	15-12_20000829_Obs	Field	Msr/Obs	Routine	Msr/Obs
BLCKTMDL	15-12	15BLACKCRE12	15-12_20010405_Obs	Field	Msr/Obs	Routine	Msr/Obs
BLCKTMDL	15-13	15BLACKCRE13	15-13_20000823_Obs	Field	Msr/Obs	Routine	Msr/Obs
15UPUERC	15-13	15BLACKCRE13	15-13_20030402_Obs	Field	Msr/Obs	Routine	Msr/Obs
BLCKTMDL	15-14	15BLACKCRE14	15-14_20000823_Obs	Field	Msr/Obs	Routine	Msr/Obs
BLCKTMDL	15-15	15BLACKCRE15	15-15_20000823_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-15	15BLACKCRE15	15-15_20010411_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-16	15ASAAYILA16	15-16_20010725_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-16	15ASAAYILA16	15-16_20020904_Obs	Field	Msr/Obs	Routine	Msr/Obs
15UPUERC	15-16	15ASAAYILA16	15-16_20030911_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-16	15ASAAYILA16	15-16_20040914_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-16	15ASAAYILA16	15-16_20050718_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-17	15REDLAKEX17	15-17_20010724_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-17	15REDLAKEX17	15-17_20020910_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-18	15REDLAKEX18	15-18_20010724_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-18	15REDLAKEX18	15-18_20020910_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-19	15REDLAKEX19	15-19_20010905_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-19	15REDLAKEX19	15-19_20020820_Obs	Field	Msr/Obs	Routine	Msr/Obs
15UPUERC	15-19	15REDLAKEX19	15-19_20030724_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-19	15REDLAKEX19	15-19_20040803_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-19	15REDLAKEX19	15-19_20050808_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-19	15REDLAKEX19	15-19_20060830_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-19	15REDLAKEX19	15-19_20080818_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-19	15REDLAKEX19	15-19_20090812_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-20	15REDLAKEX20	15-20_20010905_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-20	15REDLAKEX20	15-20_20020820_Obs	Field	Msr/Obs	Routine	Msr/Obs
15UPUERC	15-20	15REDLAKEX20	15-20_20030724_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-20	15REDLAKEX20	15-20_20050808_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-20	15REDLAKEX20	15-20_20060830_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-20	15REDLAKEX20	15-20_20080818_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-20	15REDLAKEX20	15-20_20090812_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-21	15ASAAYILA21	15-21_20010924_Obs	Field	Msr/Obs	Routine	Msr/Obs

LTMON	15-21	15ASAAYILA21	15-21_20020819_Obs	Field	Msr/Obs	Routine	Msr/Obs
15UPUERC	15-21	15ASAAYILA21	15-21_20030709_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-21	15ASAAYILA21	15-21_20040830_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-21	15ASAAYILA21	15-21_20050823_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-23	15ASAAYILA23	15-23_19970715_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-25	15BONITOCR25	15-25_20020314_Obs	Field	Msr/Obs	Routine	Msr/Obs
15UPUERC	15-25	15BONITOCR25	15-25_20030401_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-25	15BONITOCR25	15-25_20040329_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-25	15BONITOCR25	15-25_20050824_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-25	15BONITOCR25	15-25_20080603_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-25	15BONITOCR25	15-25_20090625_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-26	15BLACKCRE26	15-26_20080505_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	15-27	15TOHDILDO27	15-27_20080519_Obs	Field	Msr/Obs	Routine	Msr/Obs
16LPUERC	16-01	16PUERCORI01	16-01_20030417_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	16-01	16PUERCORI01	16-01_20040412_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	16-01	16PUERCORI01	16-01_20050316_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	17-01	17PINECANY01	17-01_20050405_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-01	18PUEBLOCO01	18-01_19980901_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-01	18PUEBLOCO01	18-01_19980921_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-01	18PUEBLOCO01	18-01_19980929_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-01	18PUEBLOCO01	18-01_19990719_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-02	18PUEBLOCO02	18-02_19980901_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-02	18PUEBLOCO02	18-02_19980921_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-02	18PUEBLOCO02	18-02_19990719_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-02	18PUEBLOCO02	18-02_19990924_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-02	18PUEBLOCO02	18-02_20000711_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-02	18PUEBLOCO02	18-02_20000906_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-02	18PUEBLOCO02	18-02_20010409_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-02	18PUEBLOCO02	18-02_20020313_Obs	Field	Msr/Obs	Routine	Msr/Obs
18COTTON	18-02	18PUEBLOCO02	18-02_20030319_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-02	18PUEBLOCO02	18-02_20040325_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-02	18PUEBLOCO02	18-02_20080512_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-03	18KINLICHE03	18-03_19990719_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-03	18KINLICHE03	18-03_20000629_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-03	18KINLICHE03	18-03_20000831_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-03	18KINLICHE03	18-03_20010409_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-03	18KINLICHE03	18-03_20020313_Obs	Field	Msr/Obs	Routine	Msr/Obs
18COTTON	18-03	18KINLICHE03	18-03_20030318_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-03	18KINLICHE03	18-03_20040325_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-03	18KINLICHE03	18-03_20050809_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-03	18KINLICHE03	18-03_20060627_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-03	18KINLICHE03	18-03_20080730_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-03	18KINLICHE03	18-03_20090722_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-04	18GANADOLA04	18-04_20020826_Obs	Field	Msr/Obs	Routine	Msr/Obs
18COTTON	18-04	18GANADOLA04	18-04_20030710_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-04	18GANADOLA04	18-04_20050830_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-04	18GANADOLA04	18-04_20080910_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-04	18GANADOLA04	18-04_20090825_Obs	Field	Msr/Obs	Routine	Msr/Obs

LTMON	18-05	18GANADOLA05	18-05_20020826_Obs	Field	Msr/Obs	Routine	Msr/Obs
18COTTON	18-05	18GANADOLA05	18-05_20030723_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-05	18GANADOLA05	18-05_20050830_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-05	18GANADOLA05	18-05_20080910_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-05	18GANADOLA05	18-05_20090825_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-06	18GANADOLA06	18-06_20020829_Obs	Field	Msr/Obs	Routine	Msr/Obs
18COTTON	18-06	18GANADOLA06	18-06_20030903_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-06	18GANADOLA06	18-06_20040916_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-06	18GANADOLA06	18-06_20050719_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-07	18GANADOLA07	18-07_20020829_Obs	Field	Msr/Obs	Routine	Msr/Obs
18COTTON	18-07	18GANADOLA07	18-07_20030903_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	18-07	18GANADOLA07	18-07_20040916_Obs	Field	Msr/Obs	Routine	Msr/Obs
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LTMON	18-08	18GANADOLA08	18-08_20040805_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	19-01	19LITTLECO01	19-01_20010416_Obs	Field	Msr/Obs	Routine	Msr/Obs
19MIDLRCR	19-01	19LITTLECO01	19-01_20020801_Obs	Field	Msr/Obs	Routine	Msr/Obs
19MIDLRCR	19-01	19LITTLECO01	19-01_20020814_Obs	Field	Msr/Obs	Routine	Msr/Obs
19MIDLRCR	19-01	19LITTLECO01	19-01_20020827_Obs	Field	Msr/Obs	Routine	Msr/Obs
19MIDLRCR	19-01	19LITTLECO01	19-01_20020918_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	19-01	19LITTLECO01	19-01_20030807_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	19-01	19LITTLECO01	19-01_20040719_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	19-01	19LITTLECO01	19-01_20040902_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	19-01	19LITTLECO01	19-01_20080812_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	19-01	19LITTLECO01	19-01_20090915_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	19-02	19LITTLECO02	19-02_20050315_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	19-02	19LITTLECO02	19-02_20060801_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	19-02	19LITTLECO02	19-02_20060912_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	23-01	23ORAIBIWA01	23-01_20050511_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	23-01	23ORAIBIWA01	23-01_20060615_Obs	Field	Msr/Obs	Routine	Msr/Obs
24DINNEB	24-03	24DINNEBIT03	24-03_20020909_Obs	Field	Msr/Obs	Routine	Msr/Obs
25LOWLCR	25-01	25BOXSPRNG01	25-01_20020828_Obs	Field	Msr/Obs	Routine	Msr/Obs
25LOWLCR	25-02	25LITTLECO02	25-02_20020805_Obs	Field	Msr/Obs	Routine	Msr/Obs
25LOWLCR	25-02	25LITTLECO02	25-02_20020826_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	25-02	25LITTLECO02	25-02_20030806_Obs	Field	Msr/Obs	Routine	Msr/Obs
25LOWLCR	25-03	25TAPPANWA03	25-03_20020807_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	25-04	25LITTLECO04	25-04_20040721_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	25-04	25LITTLECO04	25-04_20090914_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	25-05	25LITTLECO05	25-05_20050316_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	25-05	25LITTLECO05	25-05_20060727_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	25-05	25LITTLECO05	25-05_20060907_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	25-05	25LITTLECO05	25-05_20080909_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	25-06	25CAMEREFF06	25-06_20090902_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-01	26MOENKOPI01	26-01_20010425_Obs	Field	Msr/Obs	Routine	Msr/Obs
26MOENKO	26-01	26MOENKOPI01	26-01_20020813_Obs	Field	Msr/Obs	Routine	Msr/Obs
26MOENKO	26-01	26MOENKOPI01	26-01_20020910_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-01	26MOENKOPI01	26-01_20030805_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-01	26MOENKOPI01	26-01_20040412_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-01	26MOENKOPI01	26-01_20040913_Obs	Field	Msr/Obs	Routine	Msr/Obs

LTMON	26-01	26MOENKOPI01	26-01_20040923_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-01	26MOENKOPI01	26-01_20050830_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-01	26MOENKOPI01	26-01_20060607_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-01	26MOENKOPI01	26-01_20080724_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-01	26MOENKOPI01	26-01_20080910_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-01	26MOENKOPI01	26-01_20090820_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-01	26MOENKOPI01	26-01_20090909_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-01	26MOENKOPI01	26-01_20090916_Obs	Field	Msr/Obs	Routine	Msr/Obs
26MOENKO	26-02	26SHONTOWA02	26-02_20020718_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-02	26SHONTOWA02	26-02_20040831_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-02	26SHONTOWA02	26-02_20040913_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-02	26SHONTOWA02	26-02_20050407_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-02	26SHONTOWA02	26-02_20060420_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-02	26SHONTOWA02	26-02_20080520_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-02	26SHONTOWA02	26-02_20090618_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-02	26SHONTOWA02	26-02_20090910_Obs	Field	Msr/Obs	Routine	Msr/Obs
26MOENKO	26-08	26BEGASHIB08	26-08_20020806_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-08	26BEGASHIB08	26-08_20050913_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-09	26COWSPRLA09	26-09_20030827_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-09	26COWSPRLA09	26-09_20040812_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-09	26COWSPRLA09	26-09_20050901_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-09	26COWSPRLA09	26-09_20060808_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-09	26COWSPRLA09	26-09_20080827_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-09	26COWSPRLA09	26-09_20090818_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-10	26COWSPRLA10	26-10_20040913_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-11	26WMESALAK11	26-11_20060809_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-11	26WMESALAK11	26-11_20080828_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-11	26WMESALAK11	26-11_20090819_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-12	26HAMBLINW12	26-12_20080819_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	26-13	26MOENKOPI13	26-13_20090604_Obs	Field	Msr/Obs	Routine	Msr/Obs
27LCOMAR	27-01	27COLORADO01	27-01_20040701_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	27-01	27COLORADO01	27-01_20060810_Obs	Field	Msr/Obs	Routine	Msr/Obs
28LLKPOW	28-03	28NAVAJOCR03	28-03_20040429_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	28-03	28NAVAJOCR03	28-03_20050914_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	28-03	28NAVAJOCR03	28-03_20060606_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	28-03	28NAVAJOCR03	28-03_20080710_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	28-03	28NAVAJOCR03	28-03_20090701_Obs	Field	Msr/Obs	Routine	Msr/Obs
28LLKPOW	28-04	28AZTECCRE04	28-04_20040908_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	28-04	28AZTECCRE04	28-04_20050413_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	28-04	28AZTECCRE04	28-04_20060524_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	29-01	29GYPSUMCR01	29-01_19990720_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	29-01	29GYPSUMCR01	29-01_20030403_Obs	Field	Msr/Obs	Routine	Msr/Obs
29LOWSJR	29-01	29GYPSUMCR01	29-01_20040422_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	29-01	29GYPSUMCR01	29-01_20050831_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	29-01	29GYPSUMCR01	29-01_20060523_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	29-01	29GYPSUMCR01	29-01_20080522_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	29-01	29GYPSUMCR01	29-01_20090630_Obs	Field	Msr/Obs	Routine	Msr/Obs
29LOWSJR	29-02	29NOKAICAN02	29-02_20040902_Obs	Field	Msr/Obs	Routine	Msr/Obs

LTMON	29-02	29NOKAICAN02	29-02_20050421_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	29-02	29NOKAICAN02	29-02_20060523_Obs	Field	Msr/Obs	Routine	Msr/Obs
29LOWSJR	29-03	29OLJETOWA03	29-03_20040901_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	29-03	29OLJETOWA03	29-03_20050317_Obs	Field	Msr/Obs	Routine	Msr/Obs
LTMON	29-03	29OLJETOWA03	29-03_20060614_Obs	Field	Msr/Obs	Routine	Msr/Obs
29LOWSJR	29-04	29PIUTEKAN04	29-04_20040427_Obs	Field	Msr/Obs	Routine	Msr/Obs
GKM	29-05	29SANJUANR05	29-05_20150812_Obs	Field	Msr/Obs	Routine	Msr/Obs
GKM	32-01	32GOLDKING01	32-01_20150813_Obs	Field	Msr/Obs	Routine	Msr/Obs
GKM	32-02	32EPAPOND402	32-02_20150813_Obs	Field	Msr/Obs	Routine	Msr/Obs
GKM	32-03	32CEMENTCR03	32-03_20150813_Obs	Field	Msr/Obs	Routine	Msr/Obs
GKM	32-04	32ANIMASRI04	32-04_20150813_Obs	Field	Msr/Obs	Routine	Msr/Obs

Activity Start Date	Activity Start Time	Activity Start Time Zone	Field Crew
07/15/1999	13:15	MDT	LS, TM, FJ
04/16/2001	10:40	MDT	FJ, LS
03/27/2003	13:15	MST	MR, TM
03/25/2004	11:30	MST	DR, TM
05/06/2008	10:30	MDT	DR, MD, TM, SA
07/26/2012	10:50	MDT	FJ, SA
07/16/2013	10:20	MDT	FJ, SA
08/13/2013	11:00	MDT	FJ, SA
08/26/2013	10:45	MDT	FJ, SA
09/10/2013	10:50	MDT	FJ, SA
09/06/2000	10:00	MDT	SA, ER
07/26/2012	13:30	MDT	FJ, SA
08/22/2012	12:20	MDT	FJ, TM, SA
07/16/2013	13:05	MDT	FJ, SA
08/13/2013	13:30	MDT	FJ, SA
09/10/2013	13:40	MDT	FJ, SA
08/08/1995	15:55	MDT	TM
04/02/1996	14:02	MST	TM, VT
04/10/1996	13:40	MDT	TM
07/24/1996	13:30	MDT	TM, VT
04/10/1997	13:42	MDT	TM, VT
07/15/1997	13:15	MDT	TM
08/26/1997	12:05	MDT	VT
09/10/1997	12:40	MDT	TM, VT
09/18/1997	10:20	MDT	VT
09/15/1998	11:30	MDT	
07/14/1999	10:15	MDT	SA, TM
09/27/1999	12:45	MDT	FJ, TM
06/27/2000	13:00	MDT	TM, SA
08/29/2000	11:30	MDT	SA, ER
04/17/2001	11:15	MDT	SA, FJ
07/25/2001	10:10	MDT	FJ, LS
03/27/2002	11:15	MST	NB, FJ, TM
03/17/2003	10:40	MST	SA, FJ, TM, FC, MR, PA, DR
03/23/2004	11:15	MST	PA, DR, TM, FJ, ER
08/17/2005	11:30	MDT	ER
06/22/2006	10:00	MDT	FJ, ER
06/09/2008	10:45	MDT	FJ, TM, SA
06/24/2009	10:45	MDT	FJ, SA
08/06/2012	10:30	MDT	TM, SA
08/29/2012	10:20	MDT	FJ, ER
07/29/2013	10:20	MDT	FJ, SA
08/28/2013	10:30	MDT	FJ, SA
09/16/2013	10:50	MDT	FJ, SA

07/20/1999	16:40	MDT	TM, SA
10/12/1995	10:50	MDT	TM
04/11/1996	14:02	MDT	TM, VT
09/23/1996	14:30	MDT	TM, VT
09/25/1996	11:12	MDT	TM, VT
07/21/1997	11:50	MDT	TM, VT
08/25/1997	10:43	MDT	VT
09/08/1998	13:35	MDT	TM, VT
07/14/1999	13:30	MDT	LS, FJ
09/28/1999	12:45	MDT	FJ
06/26/2000	12:00	MDT	ER, LS, SA, TM, FJ
08/31/2000	10:00	MDT	LS, SA
03/05/2001	13:15	MST	FJ, LS
04/02/2002	11:10	MST	TM, NB
03/20/2003	10:50	MST	FJ, MR, DR, TM
03/24/2004	13:30	MST	ER, MDR
08/22/2005	12:30	MDT	MR, TM
06/20/2006	10:00	MDT	ER, FJ
06/10/2008	10:00	MDT	MD, DR, FJ, SA
06/17/2009	10:30	MDT	FJ, SA
06/30/2011	11:30	MDT	FJ, TM, SA
08/02/2012	10:15	MDT	TM, SA
08/30/2012	12:00	MDT	DR, SA
07/22/2013	10:20	MDT	FJ, SA
08/12/2013	12:30	MDT	FJ, SA
10/12/1995	9:50	MDT	TM
04/11/1996	13:05	MDT	TM, VT
09/25/1996	10:45	MDT	TM, VT
07/17/1997	13:15	MDT	TM
07/21/1997	10:45	MDT	TM, VT
08/25/1997	11:15	MDT	VT
09/04/1997	11:40	MDT	TM, VT
09/08/1998	12:55	MDT	TM, VT
09/23/1999	12:00	MDT	FJ, TM, VT
09/12/2000	12:00	MDT	TM, LS, DR
04/11/1997	11:06	MDT	TM, VT
08/25/1997	11:00	MDT	VT
09/04/1997	12:10	MDT	TM, VT
09/08/1998	13:05	MDT	TM, VT
08/17/2000	12:45	MDT	LS, TM, EB
04/17/2001	10:45	MDT	TM, LS
07/15/1999	11:50	MDT	LS, TM, FJ
06/29/2000	10:30	MDT	TM, LS
08/31/2000	10:00	MDT	TM, FJ
04/12/2001	12:30	MDT	TM, LS
03/14/2002	10:50	MST	NB, TM
03/27/2003	11:35	MST	JT, MR
03/25/2004	13:30	MST	DR, TM

08/10/2005	12:00	MDT	MR, TM
08/29/2006	11:30	MDT	FJ, SA
07/31/2008	11:30	MDT	TM, ER
07/21/2009	11:30	MDT	TM, ER
08/14/2012	13:00	MDT	FJ, TM, SA
08/30/2012	12:15	MDT	FJ, ER
07/24/2013	11:15	MDT	FJ, SA
08/20/2013	10:50	MDT	FJ, SA
09/18/2013	10:40	MDT	FJ, SA
07/22/1997	12:15	MDT	TM, VT
04/03/1996	12:50	MST	TM, VT
04/11/1996	12:25	MDT	TM, VT
08/05/1996	13:10	MDT	TM, VT
07/08/1997	13:15	MDT	TM
07/22/1997	11:25	MDT	TM, VT
08/25/1997	12:35	MDT	VT
09/18/1997	11:22	MDT	VT
09/14/1998	10:20	MDT	FJ, TM
09/24/1998	11:55	MDT	
07/20/1999	11:40	MDT	LS, FJ
07/20/2009	11:30	MDT	FJ, SA
04/11/1996	11:45	MDT	TM, VT
08/05/1996	14:40	MDT	TM, VT
09/19/1996	11:30	MDT	TM, VT
04/11/1997	12:49	MDT	TM, VT
07/08/1997	13:35	MDT	TM
09/09/1997	11:20	MDT	TM, VT
09/18/1997	11:06	MDT	VT
09/14/1998	11:00	MDT	FJ, TM
09/24/1998	12:45	MDT	
07/20/1999	11:00	MDT	LS, FJ
09/22/1999	13:00	MDT	all
06/29/2000	9:45	MDT	FJ, SA
08/30/2000	9:30	MDT	SA, ER
04/11/2001	12:45	MDT	FJ, SA
07/23/2001	11:15	MDT	DR, LSam, FJ
04/02/2002	12:40	MST	TM, NB
03/20/2003	12:15	MST	FJ, MR, DR, TM
03/24/2004	11:15	MST	MDR, ER
08/16/2005	11:00	MDT	ER
06/20/2006	11:30	MDT	FJ, ER
06/16/2008	11:00	MDT	FJ, SA
08/02/2012	12:15	MDT	TM, SA
09/10/2012	12:45	MDT	FJ, TM, SA
07/30/2013	10:30	MDT	ER, SA
08/29/2013	10:45	MDT	FJ, SA
09/12/2013	12:45	MDT	FJ, SA
08/30/2000	10:45	MDT	SA, ER

10/11/1995	12:55	MDT	TM
08/05/1996	12:10	MDT	TM, VT
07/17/1997	14:25	MDT	TM
07/22/1997	10:26	MDT	TM, VT
08/25/1997	12:13	MDT	VT
07/31/1995	15:30	MDT	TM
08/08/1995	13:00	MDT	TM
10/12/1995	12:55	MDT	TM
10/12/1995	11:50	MDT	TM
04/11/1996	14:20	MDT	TM, VT
09/25/1996	11:30	MDT	TM, VT
04/11/1997	11:50	MDT	TM, VT
07/17/1997	13:45	MDT	TM
07/21/1997	12:30	MDT	TM, VT
09/08/1998	13:55	MDT	TM, VT
07/14/1999	14:20	MDT	LS, FJ
09/28/1999	11:15	MDT	FJ, SA
07/10/2000	12:30	MDT	FJ, TM
09/12/2000	10:30	MDT	TM, DR, LS
07/25/2012	13:15	MDT	FJ, SA
08/22/2012	10:00	MDT	FJ, TM, SA
07/22/2013	12:00	MDT	FJ, SA
08/12/2013	11:15	MDT	FJ, SA
09/05/2013	10:30	MDT	FJ, SA
07/31/1995	13:45	MDT	TM
04/03/1996	11:30	MST	TM, VT
04/10/1996	14:35	MDT	TM
07/25/1996	12:00	MDT	TM, VT
07/14/1997	13:50	MDT	TM
08/25/1997	13:40	MDT	VT
09/09/1997	12:20	MDT	TM, VT
09/14/1998	12:45	MDT	FJ, TM
07/20/1999	13:15	MDT	LS, FJ
09/28/1999	10:45	MDT	LS, TM
06/29/2000	13:00	MDT	FJ, SA
08/30/2000	11:00	MDT	TM, FJ
04/17/2001	12:40	MDT	SA, FJ
07/23/2001	12:05	MDT	DR, LSam, FJ
04/01/2002	11:25	MST	TM, NB
03/31/2003	11:00	MST	JT, MR, FJ, DR
03/24/2004	12:30	MST	DR, TM
08/23/2005	10:30	MDT	MR, ER, TM
06/21/2006	10:20	MDT	FJ, ER
07/02/2008	10:35	MDT	MD, TM, SA
07/15/2009	10:30	MDT	FJ, LM, TM, SA
08/14/2012	10:30	MDT	FJ, TM, SA
09/10/2012	10:40	MDT	FJ, TM, SA
07/30/2013	12:25	MDT	ER, SA

08/29/2013	12:30	MDT	FJ, SA
09/12/2013	10:50	MDT	FJ, SA
08/07/1995	14:35	MDT	TM
04/10/1996	15:10	MDT	TM
08/05/1996	15:10	MDT	TM, VT
07/08/1997	13:55	MDT	TM
07/22/1997	13:10	MDT	TM
08/25/1997	13:10	MDT	VT
09/09/1997	10:35	MDT	TM, VT
09/02/1998	12:40	MDT	TM, VT
09/14/1998	11:40	MDT	FJ, TM
04/11/1997	13:58	MDT	TM, VT
09/11/2000	11:30	MDT	LS, TM
09/11/2000	10:15	MDT	LS, TM
07/31/1995	12:30	MDT	TM
04/03/1996	9:57	MST	TM, VT
04/10/1996	14:05	MDT	TM
07/25/1996	10:30	MDT	TM, VT
04/10/1997	14:35	MDT	TM, VT
07/14/1997	12:25	MDT	TM
08/26/1997	12:30	MDT	VT
09/09/1997	13:07	MDT	TM, VT
09/14/1998	14:10	MDT	FJ, TM
07/14/1999	12:30	MDT	SA, TM
09/24/1999	11:00	MDT	LS, FJ
06/27/2000	13:00	MDT	FJ, ER
08/29/2000	11:00	MDT	FJ, TM
04/16/2001	12:45	MDT	LS, FJ
07/23/2001	12:45	MDT	DR, LSam
04/01/2002	12:45	MST	TM, NB
03/31/2003	12:45	MST	FJ, TM, MR, DR
03/24/2004	10:30	MST	TM, DR
06/21/2006	12:00	MDT	ER, FJ
07/14/2008	11:00	MDT	FJ, TM, SA
07/22/2009	11:20	MDT	FJ, SA
08/06/2012	12:45	MDT	TM, SA
08/29/2012	11:45	MDT	FJ, ER
07/29/2013	12:00	MDT	FJ, SA
08/28/2013	12:30	MDT	FJ, SA
09/16/2013	12:50	MDT	FJ, SA
08/08/1995	14:30	MDT	TM
09/25/1996	12:45	MDT	TM, VT
09/14/1998	13:30	MDT	FJ, TM
07/14/1999	14:20	MDT	SA, TM
09/13/2000	14:00	MDT	LS, TM
08/22/2000	11:45	MDT	SA, ER
04/25/2001	11:15	MDT	ER, SA
08/15/2002	13:00	MDT	ER

08/28/2003	12:30	MDT	ER
04/28/2004	12:00	MDT	DR, TM
03/22/2005	13:30	MST	ER
05/22/2006	11:00	MDT	ER, MDR
05/21/2008	11:30	MDT	MD, TM, ER
06/17/2009	12:00	MDT	ER, LM
07/25/2012	12:15	MDT	LS, ER
08/22/2012	12:00	MDT	ER
07/31/2013	12:20	MDT	FJ, ER
08/22/2013	12:00	MDT	TM, SA
09/11/2013	12:45	MDT	FJ, SA
09/02/1998	10:45	MDT	TM, VT
09/02/1998	9:36	MDT	TM, VT
09/08/1998	12:00	MDT	TM, VT
08/29/2000	10:00	MDT	SA, ER
09/02/1998	11:32	MDT	TM, VT
07/14/1997	13:20	MDT	TM
07/24/2001	11:20	MDT	LSam, DR
08/28/2002	12:55	MDT	SA
09/10/2003	10:45	MDT	FJ, DR
09/14/2004	10:15	MDT	FJ
07/19/2005	11:45	MDT	TM
07/24/2001	11:40	MDT	LSam, DR
08/28/2002	12:35	MDT	SA
09/14/2004	10:00	MDT	FJ
07/20/2005	10:00	MDT	TM
07/26/2001	11:20	MDT	SA, TM
08/28/2002	12:00	MDT	SA
09/15/2004	10:45	MDT	SA
07/20/2005	10:35	MDT	TM
07/26/2001	12:15	MDT	SA, TM
08/28/2002	11:25	MDT	SA
09/10/2003	11:25	MDT	FJ, DR
09/15/2004	10:00	MDT	SA
07/20/2005	11:10	MDT	TM
09/06/2001	11:00	MDT	SA, FJ
08/27/2002	11:00	MDT	SA, FJ
07/15/2003	10:30	MDT	SA, MR
08/31/2005	10:50	MDT	FJ, TM
08/23/2006	11:00	MDT	FJ, SA
08/04/2008	11:00	MDT	FJ, SA
08/10/2009	11:00	MDT	FJ, SA
08/05/2013	11:15	MDT	FJ, SA
09/06/2001	12:10	MDT	SA, FJ
08/27/2002	13:00	MDT	SA, FJ
07/15/2003	11:30	MDT	SA, MR
08/31/2005	12:20	MDT	FJ, TM
08/23/2006	13:00	MDT	FJ, SA

08/04/2008	12:15	MDT	FJ, SA
08/10/2009	12:30	MDT	FJ, SA
08/05/2013	12:30	MDT	FJ, SA
09/18/2001	11:30	MDT	SA, TM
09/03/2002	10:45	MDT	SA, FJ
07/14/2003	11:00	MDT	SA, FJ
08/26/2004	10:20	MDT	SA, FJ
09/13/2005	11:20	MDT	FJ, TM
08/22/2006	10:30	MDT	FJ, SA
07/31/2008	11:30	MDT	FJ, SA
08/04/2009	10:30	MDT	LM, FJ, SA
09/18/2001	13:00	MDT	SA, TM
09/03/2002	12:20	MDT	SA, FJ
07/14/2003	12:15	MDT	SA, FJ
08/26/2004	11:30	MDT	FJ, SA
09/13/2005	13:00	MDT	FJ, TM
08/22/2006	12:15	MDT	FJ, SA
07/31/2008	12:30	MDT	FJ, SA
08/04/2009	11:30	MDT	LM, FJ, SA
08/06/2013	11:20	MDT	FJ, SA
09/20/2001	10:25	MDT	FJ, TM
07/21/2003	13:30	MDT	SA, FJ
08/11/2005	11:45	MDT	FJ, SA
08/01/2006	11:30	MDT	FJ, SA
07/29/2008	11:30	MDT	FJ, SA
07/30/2009	11:00	MDT	FJ, SA
09/20/2001	11:40	MDT	FJ, TM
07/21/2003	12:00	MDT	SA, FJ
08/23/2004	11:00	MDT	FJ, SA
08/11/2005	12:45	MDT	FJ, SA
08/01/2006	13:00	MDT	FJ, SA
07/29/2008	12:30	MDT	FJ, SA
07/30/2009	12:00	MDT	FJ, SA
06/27/2002	13:45	MDT	ER, TM, LM
06/27/2002	14:00	MDT	ER, TM, LM
07/14/1999	11:30	MDT	LS, FJ
08/31/2000	11:30	MDT	LS, SA
08/03/2004	9:30	MDT	FJ, ER
05/22/2006	12:20	MDT	FJ, SA, NB
08/08/2012	9:45	MDT	FJ, TM, SA
08/28/2012	11:20	MDT	FJ, ER
07/31/2013	10:15	MDT	FJ, ER
08/22/2013	14:10	MDT	TM, SA
09/11/2013	10:50	MDT	FJ, SA
08/02/2006	11:20	MDT	FJ, SA
08/13/2012	12:30	MDT	FJ, TM, SA
09/06/2012	11:15	MDT	FJ, TM, SA
08/01/2013	11:25	MDT	FJ, SA

09/03/2013	11:20	MDT	FJ, SA
09/17/2013	11:45	MDT	FJ, SA
07/24/2012	13:30	MDT	FJ, SA
08/15/2012	13:00	MDT	FJ, TM, SA
07/23/2013	13:00	MDT	FJ, SA
08/19/2013	14:15	MDT	FJ, SA
09/09/2013	14:00	MDT	FJ, SA
08/08/2012	13:00	MDT	FJ, TM, SA
08/30/2012	10:00	MDT	FJ, ER
07/24/2013	13:10	MDT	FJ, SA
08/26/2013	12:45	MDT	FJ, SA
09/18/2013	13:20	MDT	FJ, SA
03/12/2001	13:00	MST	SA, DR
08/08/2001	14:00	MDT	SA, ER
03/12/2001	10:40	MST	DR, SA
03/14/2001	13:15	MST	SA, DR
07/30/2001	11:45	MDT	SA
08/01/2001	13:15	MDT	SA, FJ
04/01/2002	11:10	MST	SA, DR
03/26/2003	12:00	MST	SA, DR
04/21/2004	13:15	MDT	MDR, TM
09/26/2005	13:50	MDT	DR, TM
06/13/2006	10:45	MDT	SA, DR
07/01/2008	11:15	MDT	FJ, TM, SA
06/16/2009	10:50	MDT	DR, FJ, SA
06/22/2011	11:00	MDT	FJ, SA
07/30/2012	10:15	MDT	FJ, TM, SA
09/04/2012	10:45	MDT	FJ, TM, SA
07/25/2013	10:45	MDT	FJ, SA
08/14/2013	12:20	MDT	FJ, SA
08/01/2001	11:00	MDT	SA, FJ
07/30/2012	12:20	MDT	FJ, TM, SA
09/04/2012	12:45	MDT	FJ, TM, SA
07/25/2013	13:20	MDT	FJ, SA
08/14/2013	10:20	MDT	FJ, SA
09/19/2013	12:50	MDT	FJ, SA
07/24/2012	10:50	MDT	FJ, SA
08/15/2012	10:15	MDT	FJ, TM, SA
07/23/2013	10:25	MDT	FJ, SA
08/19/2013	11:15	MDT	FJ, SA
09/09/2013	11:20	MDT	FJ, SA
07/31/2012	10:00	MDT	FJ, TM, SA
08/29/2012	11:10	MDT	LS, SA
07/17/2013	9:20	MDT	FJ, SA
08/15/2013	13:20	MDT	FJ, SA
09/04/2013	13:30	MDT	FJ, SA
07/21/2015	10:40	MDT	FJ, SA
07/28/2015	10:15	MDT	FJ, SA

08/12/2015	14:15	MDT	FJ, SA
08/26/2015	9:45	MDT	FJ, SA, DS
07/31/2012	11:15	MDT	FJ, TM, SA
08/29/2012	12:45	MDT	LS, SA
07/17/2013	11:15	MDT	FJ, SA
08/15/2013	11:40	MDT	FJ, SA
09/04/2013	11:50	MDT	FJ, SA
07/22/2015	12:20	MDT	FJ, SA
07/30/2015	12:50	MDT	FJ, SA
08/12/2015	12:20	MDT	FJ, SA
07/31/2012	12:20	MDT	FJ, TM, SA
08/29/2012	14:15	MDT	LS, SA
07/17/2013	12:20	MDT	FJ, SA
08/15/2013	10:15	MDT	FJ, SA
09/04/2013	10:40	MDT	FJ, SA
07/22/2015	10:45	MDT	FJ, SA
07/30/2015	11:00	MDT	FJ, SA
08/12/2015	10:45	MDT	FJ, SA
03/13/2001	13:40	MST	DB, SA
03/18/2003	10:45	MST	SA, DR
09/21/2004	11:15	MDT	SA
03/09/2005	12:20	MST	SA, DR
05/01/2008	10:50	MDT	FJ, TM, SA
04/08/2010	11:00	MDT	FJ, TM, SA
05/05/2010	11:00	MDT	DR, TM, SA
05/11/2011	11:50	MDT	FJ, SA
09/14/2011	11:00	MDT	FJ, TM, SA
09/12/2012	10:45	MDT	FJ, TM, SA
03/02/2005	10:45	MST	SA
03/09/2005	10:30	MST	SA
09/10/1998	12:20	MDT	SA, FJ
07/22/1999	13:50	MDT	TM, SA
09/23/1999	12:30	MDT	LS, SA, ER
07/12/2000	10:30	MDT	SA, FJ
09/07/2000	9:30	MDT	SA, ER
03/13/2001	12:15	MST	TM, FJ
07/30/2001	10:45	MDT	SA
08/08/2001	12:30	MDT	TM, FJ
03/14/2002	11:20	MST	SA, DR
03/18/2003	12:15	MST	SA, DR
04/13/2004	11:45	MDT	MDR, FJ, TM
09/15/2005	10:45	MDT	DR, SA
05/15/2006	11:00	MDT	DR, SA
05/15/2008	11:30	MDT	DR, FJ, TM, SA
06/23/2009	11:15	MDT	DR, LM FJ, SA
04/06/2010	11:30	MDT	FJ, TM, SA
05/06/2010	10:20	MDT	TM, SA
08/26/2010	11:00	MDT	FJ, TM, SA

06/13/2011	11:30	MDT	FJ, TM, SA
07/21/2015	12:20	MDT	FJ, SA
07/28/2015	11:40	MDT	FJ, SA
08/26/2002	13:00	MDT	SA
03/24/2003	12:30	MST	MR, SA, DR
03/10/2005	12:15	MST	FJ, SA
09/04/2003	11:15	MDT	SA, DR
04/14/2004	12:00	MDT	FC, DR
09/10/1998	14:00	MDT	SA
03/08/2001	11:30	MST	LS, TM
08/07/2001	11:35	MDT	TM, FJ
03/25/2002	11:00	MST	SA, DR
03/25/2003	9:30	MST	SA, MR
04/06/2004	13:00	MDT	TM, MDR, DR
08/09/2005	11:40	MDT	SA
07/12/2006	10:15	MDT	FJ, SA
05/07/2008	10:30	MDT	MD, DR, TM, SA
06/10/2009	12:45	MDT	DR, FJ, SA
03/25/2010	13:20	MDT	MO, FJ, ER
04/22/2010	13:30	MDT	FJ, TM, SA
08/30/2010	9:45	MDT	FJ, SA
07/28/2011	14:15	MDT	FJ, TM, SA
08/31/2011	13:45	MDT	FJ, TM, SA
09/16/1996	12:15	MDT	TM, VT
09/18/1996	14:00	MDT	VT
04/02/1997	10:40	MST	TM, VT
08/26/1997	10:05	MDT	TM, VT
07/22/1999	9:40	MDT	VT, FJ
07/18/2000	11:40	MDT	FJ, LS
07/22/1999	11:30	MDT	TM, SA
09/27/1999	11:20	MDT	SA, LS
07/14/2015	11:15	MDT	FJ, SA
07/23/2015	10:25	MDT	FJ, SA
09/19/2000	9:45	MDT	TM, SA, DR
03/25/2010	10:15	MDT	DR, TM, SA
04/21/2010	9:30	MDT	FJ, TM, SA
08/31/2010	10:15	MDT	FJ, SA
07/28/2011	10:00	MDT	FJ, TM, SA
08/31/2011	10:15	MDT	FJ, TM, SA
08/16/2001	12:30	MDT	SA, DR
08/24/2010	10:30	MDT	FJ, SA
07/26/2011	10:30	MDT	FJ, TM, SA
08/30/2011	12:45	MDT	FJ, SA
03/15/2001	10:40	MST	SA, DR
08/07/2001	12:30	MDT	SA, ER
04/21/2010	11:30	MDT	FJ, TM, SA
09/14/2010	10:00	MDT	FJ, SA
06/21/2011	12:20	MDT	FJ, SA

08/17/2011	13:00	MDT	FJ, SA
09/01/2011	13:30	MDT	FJ, TM, SA
09/01/2011	12:45	MDT	FJ, TM, SA
04/02/1997	14:30	MST	TM, VT
07/22/1999	12:20	MDT	VT, FJ
03/07/2001	11:20	MST	SA, LS, TM, DR
03/07/2001	14:00	MST	SA, LS, TM, DR
03/29/2001	10:55	MST	SA, DR
03/21/2002	12:30	MST	TM, NB, DBR
04/01/2003	10:10	MST	SA, DR
03/31/2004	12:00	MST	TM, FJ
09/07/2005	12:00	MDT	TM, DR, MR
05/13/2008	11:30	MDT	DR, FJ, SA
03/23/2010	11:00	MDT	FJ, TM, SA
04/27/2010	10:00	MDT	FJ, TM, SA
05/24/2011	12:20	MDT	FJ, TM, SA
07/12/2011	10:00	MDT	FJ, TM, SA
08/30/2011	10:00	MDT	FJ, SA
09/10/1997	11:00	MDT	TM, VT
03/15/2001	12:10	MST	SA, DR
08/07/2001	10:30	MDT	SA, ER
03/25/2003	12:15	MST	SA, MR
04/29/2004	11:30	MDT	TM, DR
07/21/2009	11:15	MDT	FJ, SA
03/25/2010	10:20	MDT	MO, FJ, ER
04/21/2010	12:45	MDT	FJ, TM, SA
08/31/2010	13:00	MDT	FJ, SA
09/14/2010	12:15	MDT	FJ, SA
06/21/2011	10:30	MDT	FJ, SA
08/17/2011	10:45	MDT	FJ, SA
09/01/2011	10:50	MDT	FJ, TM, SA
03/15/2001	10:00	MST	LS, FJ
08/02/2001	11:00	MDT	FJ, LSam
03/19/2002	12:05	MST	TM, NB, DBR
04/01/2003	12:45	MST	SA, DR
04/01/2004	10:30	MST	DR, TM
03/14/2005	10:35	MST	DR, SA
05/14/2008	10:00	MDT	DR, FJ, TM, SA
06/15/2009	10:35	MDT	DR, FJ, SA
03/23/2010	13:15	MDT	FJ, TM, SA
04/27/2010	13:30	MDT	FJ, TM, SA
05/24/2011	10:30	MDT	FJ, TM, SA
07/11/2011	10:15	MDT	FJ, TM, SA
07/25/2001	12:15	MDT	FJ, LS
09/04/2002	8:50	MDT	FJ
09/09/2004	10:00	MDT	SA
07/18/2005	12:15	MDT	SA, TM
08/09/2001	11:45	MDT	SA, DR

08/16/2001	15:00	MDT	SA, DR
09/04/2001	13:00	MDT	SA, FJ
08/29/2002	12:39	MDT	SA, FJ
07/22/2003	10:45	MDT	SA, FJ
07/18/2005	13:15	MDT	TM, SA
07/26/2006	11:00	MDT	FJ, SA
07/28/2008	12:45	MDT	FJ, SA
08/11/2009	11:15	MDT	FJ, SA
08/16/2010	12:15	MDT	FJ, SA
08/21/2002	11:00	MDT	FJ, SA
07/16/2003	10:40	MDT	SA, DR
08/24/2004	10:15	MDT	FJ, SA
08/16/2006	10:30	MDT	FJ, SA
08/05/2008	11:20	MDT	FJ, SA
08/06/2009	10:00	MDT	FJ, SA
08/19/2010	9:45	MDT	FJ, SA
08/21/2002	13:45	MDT	FJ, SA
07/16/2003	13:30	MDT	SA, FC
08/24/2004	13:30	MDT	FJ, SA
08/16/2006	13:15	MDT	FJ, SA
08/05/2008	13:30	MDT	FJ, SA
08/06/2009	12:30	MDT	FJ, SA
08/19/2010	12:15	MDT	FJ, SA
09/05/2002	9:35	MDT	SA
08/28/2003	15:15	MDT	DR
09/01/2004	11:25	MDT	SA
07/21/2005	11:05	MDT	TM
09/05/2002	9:50	MDT	SA
08/28/2003	15:05	MDT	DR
09/01/2004	11:20	MDT	SA
07/21/2005	10:45	MDT	TM
09/05/2002	10:00	MDT	SA
08/28/2003	14:45	MDT	DR
09/01/2004	11:05	MDT	SA
07/21/2005	10:15	MDT	SA
09/28/1998	10:45	MDT	FJ
09/09/2002	11:40	MDT	SA
09/17/2002	15:15	MDT	SA
08/04/2004	12:00	MDT	MDR, ER
09/26/2005	11:15	MDT	FJ, SA
08/15/2006	10:45	MDT	FJ, SA
08/07/2008	11:30	MDT	FJ, SA
07/27/2009	10:45	MDT	FJ, SA
08/12/2010	11:20	MDT	FJ, SA
05/25/2006	11:15	MDT	SA, DR, TM
04/20/2010	10:15	MDT	FJ, TM, SA
07/25/2006	10:30	MDT	FJ, SA
08/20/2008	11:00	MDT	FJ, SA

07/28/2009	11:00	MDT	LM, FJ, SA
08/16/2010	10:00	MDT	FJ, SA
05/20/2008	11:45	MDT	DR, FJ, SA
03/25/2010	12:30	MDT	DR, TM, SA
04/22/2010	11:45	MDT	FJ, TM, SA
08/30/2010	11:45	MDT	FJ, SA
07/28/2011	12:20	MDT	FJ, TM, SA
08/31/2011	12:20	MDT	FJ, TM, SA
04/20/2010	13:50	MDT	FJ, TM, SA
04/22/2010	10:00	MDT	FJ, TM, SA
08/30/2010	14:10	MDT	FJ, SA
03/13/2001	10:00	MST	SA, DR
08/15/2001	12:00	MDT	SA, DR
03/28/2002	11:30	MST	SA
03/27/2003	10:30	MST	SA
04/27/2004	13:40	MDT	TM, DR
08/16/2005	11:35	MDT	SA; SC, Sarah (Utes)
05/27/2008	11:30	MDT	DR, FJ, SA
06/18/2009	11:30	MDT	DR, FJ, SA
04/05/2010	11:45	MDT	FJ, SA, DR
05/10/2010	11:30	MDT	FJ, TM, SA
08/26/2010	13:45	MDT	FJ, TM, SA
06/02/2011	11:15	MDT	FJ, TM, SA
07/20/2015	11:20	MDT	FJ, SA
07/27/2015	11:10	MDT	FJ, SA
07/17/2000	13:00	MDT	FJ, SA
09/19/2000	11:40	MDT	SA, TM, DR
03/08/2001	14:00	MST	DR, SA
08/07/2001	13:30	MDT	FJ, TM
03/26/2002	12:25	MST	NB, TM, DR
03/19/2003	12:45	MST	SA, DR
04/07/2004	13:30	MDT	TM, DR
08/11/2005	12:20	MDT	MR, TM
06/14/2006	11:00	MDT	DR, SA
07/07/2008	11:30	MDT	FJ, TM, SA
06/08/2009	12:45	MDT	FJ, SA
04/12/2010	10:00	MDT	FJ, TM, SA
05/11/2010	11:30	MDT	TM, SA
08/25/2010	10:15	MDT	FJ, TM, SA
06/06/2011	11:20	MDT	FJ, SA
07/05/2011	11:00	MDT	FJ, TM, SA
03/08/2001	11:00	MST	SA, DR
03/19/2003	10:35	MST	SA, DR
04/07/2010	10:45	MDT	FJ, TM, SA
09/12/2011	13:00	MDT	FJ, TM, SA
08/17/2006	10:00	MDT	FJ, SA
08/06/2008	12:15	MDT	FJ, SA
08/05/2009	11:15	MDT	FJ, SA

08/18/2010	11:45	MDT	FJ, SA
09/24/1999	9:30	MDT	SA, VT
09/24/1999	12:00	MDT	SA, VT
09/27/1999	14:40	MDT	SA
07/13/2000	13:00	MDT	TM, SA
09/30/1999	11:30	MDT	FJ, TM
07/13/2000	10:40	MDT	SA, TM
09/20/2000	10:00	MDT	TM, DR, SA
03/06/2001	10:45	MST	FJ, TM
07/30/2001	13:30	MDT	SA, FJ, LSam
03/25/2002	14:30	MST	NB, TM, DR
03/31/2003	11:50	MST	SA
04/07/2004	11:30	MDT	TM, DR
08/18/2005	10:45	MDT	SA
06/08/2006	12:20	MDT	FJ, SA
07/08/2008	11:00	MDT	FJ, TM, SA
07/14/2009	11:00	MDT	FJ, TM, SA
03/24/2010	11:30	MDT	DR, SA
05/03/2010	10:30	MDT	FJ, TM, SA
08/23/2010	13:15	MDT	FJ, SA
05/25/2011	12:15	MDT	FJ, TM, SA
07/19/2011	12:45	MDT	FJ, SA
09/20/2000	13:30	MDT	TM, SA, DR
03/14/2001	11:55	MST	FJ, TM
05/26/2011	11:45	MDT	FJ, TM, SA
06/27/2011	12:00	MDT	FJ, TM, SA
08/22/2011	13:45	MDT	FJ, SA
08/07/2012	9:30	MDT	TM, SA
09/05/2012	10:15	MDT	TM, SA
09/30/1999	10:45	MDT	LS, SA
03/06/2001	12:30	MST	TM, FJ
03/25/2002	12:20	MST	TM, NB, DR, SA
03/17/2010	10:30	MDT	FJ, TM, SA
04/28/2010	9:45	MDT	TM, SA
08/23/2010	11:30	MDT	FJ, SA
05/25/2011	10:30	MDT	FJ, TM, SA
07/19/2011	11:00	MDT	FJ, SA
03/14/2001	10:00	MST	DR, SA
08/06/2001	10:30	MDT	DR, SA
03/12/2001	12:30	MST	TM, LS
08/06/2001	12:30	MDT	FJ, TM
03/12/2001	11:00	MST	TM, LS
03/20/2002	11:45	MST	TM, NB, DBR
03/26/2003	9:30	MST	SA, DR
04/06/2004	10:45	MDT	DR, MDR, TM
03/15/2005	10:50	MST	SA, DR
05/23/2011	10:45	MDT	FJ, TM, SA
09/12/2011	10:00	MDT	FJ, TM, SA

07/25/2012	11:00	MDT	FJ, SA
08/27/2012	10:00	MDT	FJ, SA
08/08/2013	11:00	MDT	FJ, SA
03/14/2001	10:30	MST	FJ, TM
08/01/2001	13:30	MDT	TM, LSam
05/26/2011	9:50	MDT	FJ, TM, SA
06/27/2011	10:30	MDT	FJ, TM, SA
08/22/2011	11:30	MDT	FJ, SA
08/07/2012	12:15	MDT	TM, SA
09/05/2012	13:45	MDT	TM, SA
09/25/1996	10:15	MDT	TM, VT
03/29/2001	13:35	MST	SA, DR
08/06/2001	13:45	MDT	SA, DR
09/19/2001	15:45	MDT	SA
09/25/2001	9:30	MDT	SA
08/08/2001	10:30	MDT	SA, ER
09/25/2001	13:20	MDT	SA
09/25/2001	13:25	MDT	SA
09/20/2000	11:55	MDT	TM, DR, SA
09/20/2000	12:00	MDT	TM, DR, SA
09/05/2002	11:00	MDT	SA
03/20/2003	9:30	MST	SA
09/16/2004	9:05	MDT	SA
09/09/2002	13:55	MDT	SA
03/20/2003	9:50	MST	SA
03/20/2003	10:20	MST	SA
09/29/2004	10:20	MDT	SA
09/27/2005	12:15	MDT	FJ, SA
09/18/2006	14:30	MDT	DR, SA
07/10/2008	12:30	MDT	FJ, SA
07/13/2009	12:30	MDT	FJ, SA
05/26/2011	13:15	MDT	FJ, TM, SA
06/27/2011	13:45	MDT	FJ, TM, SA
08/25/2011	13:45	MDT	FJ, SA
08/07/2012	11:00	MDT	FJ, TM, SA
09/05/2012	11:50	MDT	TM, SA
09/11/2012	9:15	MDT	FJ, SA
09/26/2005	12:45	MDT	DR, TM
09/11/2006	11:30	MDT	FJ, SA
06/14/2011	12:20	MDT	FJ, TM, SA
07/18/2011	12:45	MDT	FJ, TM, SA
08/24/2011	13:15	MDT	FJ, SA
07/23/2012	10:30	MDT	FJ, SA
08/20/2012	11:45	MDT	TM, SA
07/14/2015	13:30	MDT	FJ, SA
07/23/2015	13:30	MDT	FJ, SA
08/07/2015	11:30	MDT	SA
08/25/2015	13:15	MDT	FJ, SA

09/11/2006	14:15	MDT	FJ, SA
06/14/2011	10:30	MDT	FJ, TM, SA
07/18/2011	10:45	MDT	FJ, TM, SA
08/24/2011	10:30	MDT	FJ, SA
07/23/2012	12:15	MDT	FJ, SA
08/20/2012	13:30	MDT	TM, SA
07/20/2015	13:45	MDT	FJ, SA
07/27/2015	13:30	MDT	FJ, SA
08/25/2015	10:20	MDT	FJ, SA
06/29/2009	12:00	MDT	FJ, SA
09/13/2011	11:00	MDT	FJ, TM, SA
08/08/2013	13:20	MDT	FJ, SA
08/27/2013	10:30	MDT	FJ, SA
09/05/2013	12:50	MDT	FJ, SA
09/19/2013	10:00	MDT	FJ, SA
06/29/2009	13:30	MDT	FJ, SA
05/23/2011	12:15	MDT	FJ, TM, SA
06/20/2011	12:30	MDT	FJ, SA
07/20/2011	10:30	MDT	FJ, TM, SA
08/01/2012	13:15	MDT	FJ, TM, SA
08/27/2012	11:30	MDT	FJ, SA
06/28/2011	10:45	MDT	FJ, TM, SA
07/21/2011	10:30	MDT	FJ, TM, SA
09/08/2011	11:00	MDT	FJ, TM, SA
06/28/2011	11:30	MDT	FJ, TM, SA
07/21/2011	11:20	MDT	FJ, TM, SA
09/08/2011	11:30	MDT	FJ, TM, SA
06/29/2011	12:30	MDT	FJ, TM, SA
07/21/2011	12:00	MDT	FJ, TM, SA
09/08/2011	12:00	MDT	FJ, TM, SA
06/29/2011	11:00	MDT	FJ, TM, SA
08/26/2015	12:35	MDT	FJ, SA
03/28/2005	12:15	MST	SA
04/29/2010	12:20	MDT	TM, NB, SA
04/02/2003	11:45	MST	SA
04/15/2004	11:30	MDT	FC, DR, FJ, PA
09/14/2005	12:15	MDT	DR, TM
05/16/2006	11:50	MDT	FJ, SA
04/13/2010	10:30	MDT	TM, SA
05/12/2010	10:30	MDT	FJ, TM, SA
09/02/2010	10:30	MDT	FJ, SA
06/15/2011	10:20	MDT	FJ, TM, SA
07/07/2011	11:45	MDT	FJ, TM, SA
04/10/2003	11:30	MDT	SA
04/13/2004	11:00	MDT	FC, DR
09/27/2005	11:00	MDT	DR, TM
05/29/2008	10:15	MDT	FJ, SA
04/15/2010	12:00	MDT	TM, SA

05/13/2010	11:50	MDT	FJ, TM, SA
09/01/2010	11:40	MDT	FJ, SA
06/09/2011	12:00	MDT	FJ, SA
07/06/2011	11:30	MDT	FJ, TM, SA
03/29/2005	12:15	MST	SA
09/23/1998	12:20	MDT	FJ
07/15/1996		MDT	TM, VT
09/25/1996	14:07	MDT	TM, VT
08/26/1997	13:55	MDT	VT
09/15/1998	13:30	MDT	
07/19/1999	11:50	MDT	FJ, VT
07/18/2000	13:30	MDT	SA, TM
08/23/2000		MDT	TM, LS
09/06/2000	12:15	MDT	TM, LS
04/05/2001		MDT	LS, FJ
04/12/2001	14:45	MDT	TM, LS
07/26/2001	10:15	MDT	TM
09/01/1998	11:00	MDT	TM, VT
09/15/1998	10:20	MDT	
04/15/1999	12:15	MDT	LS, TM
09/01/1998	12:30	MDT	TM, VT
09/15/1998	9:20	MDT	
04/15/1999	10:50	MDT	LS, TM
08/03/1995	12:20	MDT	TM
04/02/1996	12:20	MST	TM, VT
07/24/1996	12:15	MDT	TM, VT
11/08/1996	8:00	MST	TM, VT
04/10/1997	12:32	MDT	TM, VT
08/26/1997	11:40	MDT	TM, VT
09/10/1997	13:30	MDT	TM, VT
09/27/1999	10:30	MDT	FJ, TM
06/27/2000	10:00	MDT	FJ, SA, ER
08/29/2000	12:30	MDT	FJ, LS
09/05/2000	10:30	MDT	TM, LS
04/17/2001	14:30	MDT	TM, LS
07/25/2001	10:45	MDT	FJ, LS
03/27/2002	13:00	MST	FJ, NB, TM
04/01/2003	10:30	MST	MR, FJ, TM
03/23/2004	13:15	MST	PA, MDR, TM, DR, FJ, ER
08/24/2005	10:30	MDT	MR, TM, ER
08/30/2006	10:30	MDT	MDR, ER
06/11/2008	10:30	MDT	FJ, TM, SA
07/16/2009	10:30	MDT	LM, SA
09/05/2000	12:15	MDT	TM, LS
09/18/1996	10:00	MDT	VT
09/19/1996	9:30	MDT	TM, VT
08/26/1997	13:35	MDT	VT
09/21/1998	12:40	MDT	FJ

09/29/1998	11:05	MDT	FJ
07/20/2000	10:00	MDT	TM, LS
09/07/2000	10:30	MDT	TM, LS
04/11/2001	14:00	MDT	TM, LS
06/11/2002	12:00	MDT	DR, ER, NB, TM
04/02/2003	13:00	MST	TM, DR
03/30/2004	11:20	MST	FJ, TM
09/15/2004	11:30	MDT	ER
08/18/2005	11:00	MDT	ER
06/06/2006	13:20	MDT	SA, FJ
05/21/2008	11:00	MDT	DR, FJ, SA
07/01/2009	11:00	MDT	SA
08/29/2000	10:40	MDT	FJ, LS
08/29/2000	11:30	MDT	FJ, LS
08/23/2000		MDT	TM, LS
04/05/2001	11:00	MDT	FJ, LS
08/29/2000	9:20	MDT	LS, FJ
04/05/2001	9:00	MDT	LS, FJ
08/23/2000		MDT	LS, TM
04/02/2003	10:30	MST	DR, TM
08/23/2000		MDT	TM, LS
08/23/2000		MDT	TM, LS
04/11/2001	12:00	MDT	TM, LS
07/25/2001	11:05	MDT	FJ, LS
09/04/2002	10:15	MDT	FJ
09/11/2003	10:55	MDT	FJ, DR
09/14/2004	9:55	MDT	SA
07/18/2005	11:05	MDT	SA, TM
07/24/2001	10:05	MDT	LSam, DR
09/10/2002	13:15	MDT	SA, DR
07/24/2001	10:30	MDT	LSam, DR
09/10/2002	12:30	MDT	SA, DR
09/05/2001	10:40	MDT	SA, FJ
08/20/2002	12:15	MDT	FJ, SA
07/24/2003	11:30	MDT	FJ, ER
08/03/2004	11:45	MDT	ER, FJ
08/08/2005	12:20	MDT	TM, SA
08/30/2006	12:00	MDT	FJ, SA
08/18/2008	12:30	MDT	FJ, SA
08/12/2009	11:40	MDT	FJ, SA
09/05/2001	12:10	MDT	SA, FJ
08/20/2002	11:15	MDT	FJ, SA
07/24/2003	10:45	MDT	FJ, ER
08/08/2005	11:20	MDT	TM, SA
08/30/2006	11:00	MDT	FJ, SA
08/18/2008	11:30	MDT	FJ, SA
08/12/2009	11:00	MDT	FJ, SA
09/24/2001	12:15	MDT	FJ, TM

08/19/2002	12:30	MDT	SA, TM
07/09/2003	10:50	MDT	FJ, ER
08/30/2004	10:30	MDT	FJ, SA
08/23/2005	11:15	MDT	FJ, SA
07/15/1997	13:40	MDT	TM
03/14/2002	13:45	MST	TM, NB
04/01/2003	12:30	MST	FJ, TM
03/29/2004	13:30	MST	FJ, TM
08/24/2005	12:30	MDT	TM, MR, ER
06/03/2008	10:45	MDT	DR, FJ, TM, SA
06/25/2009	11:00	MDT	LM, FJ, SA
05/05/2008	11:30	MDT	MD, DR, TM, SA
05/19/2008	10:40	MDT	DR, FJ, SA
04/17/2003	11:20	MDT	SA, DR
04/12/2004	12:30	MDT	MDR, TM
03/16/2005	12:20	MST	TM, SA
04/05/2005	12:30	MDT	SA
09/01/1998	14:50	MDT	TM, VT
09/21/1998	14:15	MDT	FJ
09/29/1998	9:50	MDT	FJ
07/19/1999	14:10	MDT	LS, TM
09/01/1998	15:30	MDT	TM, VT
09/21/1998	15:35	MDT	FJ
07/19/1999	11:30	MDT	LS, TM
09/24/1999	12:30	MDT	TM, ER
07/11/2000	14:00	MDT	TM
09/06/2000	9:30	MDT	TM, LS
04/09/2001	12:40	MDT	TM, FJ
03/13/2002	10:35	MST	NB, BM, TM
03/19/2003	11:30	MST	MR, FJ, TM
03/25/2004	12:30	MST	MDR, ER
05/12/2008	11:45	MDT	MD, TM, SA
07/19/1999	16:30	MDT	LS, TM
06/29/2000	13:00	MDT	LS, TM
08/31/2000	12:15	MDT	FJ, TM
04/09/2001	11:00	MDT	TM, FJ
03/13/2002	13:00	MST	NB, TM
03/18/2003	11:00	MST	TM, FJ, MR
03/25/2004	10:30	MST	MDR, ER
08/09/2005	13:15	MDT	MR, TM
06/27/2006	11:30	MDT	ER, MDR
07/30/2008	11:30	MDT	TM, ER
07/22/2009	11:00	MDT	TM, KB, ER
08/26/2002	11:30	MDT	FJ, TM
07/10/2003	11:30	MDT	ER, MDR
08/30/2005	11:45	MDT	FJ, TM
09/10/2008	13:30	MDT	FJ, SA
08/25/2009	11:30	MDT	FJ, ER

08/26/2002	13:30	MDT	FJ, TM
07/23/2003	11:30	MDT	MDR, ER
08/30/2005	13:20	MDT	FJ, TM
09/10/2008	12:00	MDT	FJ, SA
08/25/2009	12:30	MDT	FJ, ER
08/29/2002	9:30	MDT	DR
09/03/2003	10:55	MDT	DR
09/16/2004	9:30	MDT	FJ
07/19/2005	10:20	MDT	TM
08/29/2002	10:05	MDT	DR
09/03/2003	11:10	MDT	DR
09/16/2004	9:50	MDT	FJ
07/19/2005	10:00	MDT	TM
08/05/2004	11:00	MDT	MDR, ER
04/16/2001	13:30	MDT	TM, ER
08/01/2002	11:45	MDT	ER, FJ
08/14/2002	12:30	MDT	ER
08/27/2002	12:15	MDT	ER
09/18/2002	11:30	MDT	ER
08/07/2003	11:30	MDT	ER
07/19/2004	12:45	MDT	ER
09/02/2004	12:00	MDT	ER
08/12/2008	12:30	MDT	FJ, ER
09/15/2009	11:45	MDT	ER
03/15/2005	14:15	MST	ER
08/01/2006	13:30	MDT	TM, ER
09/12/2006	12:30	MDT	FJ, ER
05/11/2005	10:55	MDT	SA, FJ
06/15/2006	12:15	MDT	FJ, ER, TM
09/09/2002	12:30	MDT	ER
08/28/2002	11:30	MDT	ER
08/05/2002	14:30	MDT	ER, FJ
08/26/2002	14:30	MDT	ER
08/06/2003	13:00	MDT	ER
08/07/2002	11:15	MDT	ER
07/21/2004	12:45	MDT	ER
09/14/2009	13:45	MDT	ER
03/16/2005	13:00	MST	ER
07/27/2006	12:00	MDT	FJ, ER
09/07/2006	11:30	MDT	FJ, PA, NB, ER
09/09/2008	12:00	MDT	ER
09/02/2009	13:30	MDT	LM, FJ, ER
04/25/2001	13:25	MDT	ER, SA
08/13/2002	13:30	MDT	ER
09/10/2002	11:00	MDT	ER
08/05/2003	11:45	MDT	ER
04/12/2004	11:30	MDT	ER
09/13/2004	8:50	MDT	ER

09/23/2004	11:30	MDT	ER
08/30/2005	11:00	MDT	ER, AM
06/07/2006	11:00	MDT	TM, ER
07/24/2008	11:30	MDT	TM, ER
09/10/2008	12:30	MDT	ER?
08/20/2009	10:45	MDT	FJ, ER
09/09/2009	13:30	MDT	ER?
09/16/2009	13:00	MDT	ER
07/18/2002	12:30	MDT	FJ, ER
08/31/2004	12:30	MDT	ER
09/13/2004	10:45	MDT	ER
04/07/2005	10:45	MDT	FJ, NB, PA, ER, RB
04/20/2006	11:45	MDT	ER, MR, NB, SA, FJ, PA, DR
05/20/2008	11:30	MDT	TM, ER
06/18/2009	13:00	MDT	ER
09/10/2009	12:00	MDT	ER
08/06/2002	12:15	MDT	ER, FJ
09/13/2005	12:30	MDT	ER, MR
08/27/2003	11:10	MDT	FJ, ER
08/12/2004	12:30	MDT	FJ, ER
09/01/2005	11:45	MDT	FJ, TM
08/08/2006	12:00	MDT	FJ, ER
08/27/2008	11:30	MDT	FJ, ER
08/18/2009	11:00	MDT	FJ, ER
09/13/2004	10:10	MDT	ER
08/09/2006	12:00	MDT	FJ, ER
08/28/2008	12:00	MDT	FJ, ER
08/19/2009	11:15	MDT	FJ, ER
08/19/2008	11:30	MDT	ER
06/04/2009	14:00	MDT	ER
07/01/2004	11:45	MDT	PA, ER, FJ, MDR, DR
08/10/2006	13:00	MDT	FJ, ER
04/29/2004	11:30	MDT	FJ, PA, ER
09/14/2005	13:30	MDT	MR, ER
06/06/2006	12:00	MDT	TM, ER
07/10/2008	13:30	MDT	TM, ER
07/01/2009	12:00	MDT	FJ, ER
09/08/2004	10:15	MDT	FJ, SA
04/13/2005	10:30	MDT	FJ, TM, SA
05/24/2006	9:30	MDT	FJ, TM, NB, SA
07/20/1999	13:20	MDT	TM, SA
04/03/2003	12:20	MST	SA
04/22/2004	12:00	MDT	TM, ER
08/31/2005	11:30	MDT	MR, ER
05/23/2006	12:15	MDT	MDR, ER
05/22/2008	12:30	MDT	MD, TM, ER
06/30/2009	12:00	MDT	FJ, ER
09/02/2004	11:00	MDT	FJ, SA

04/21/2005	10:15	MDT	SA, FJ
05/23/2006	10:35	MDT	FJ, NB, SA
09/01/2004	11:00	MDT	FJ, ER
03/17/2005	11:00	MST	FJ, SA
06/14/2006	11:30	MDT	TM, ER
04/27/2004	12:00	MDT	PA, FJ, ER
08/12/2015	9:45	MDT	FJ, SA
08/13/2015	15:00	MDT	FJ, DB, SA
08/13/2015	16:05	MDT	FJ, DB, SA
08/13/2015	17:05	MDT	FJ, DB, SA
08/13/2015	19:00	MDT	FJ, SA

Sampling Method	Surface Water Type	Sampling site
Grab	Stream	
grab from RB only	Stream	
Grab	Stream	
Grab	Stream	
Multiple point grab	Stream	
Single point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	
Single point grab	Stream	Riffle
Multiple point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open Channel
Single point grab	Stream	Pool
Multiple point grab	Stream	Pool
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel



composite	Stream	
Single point grab	Stream	
Grab	Stream	
Multiple point grab	Stream	Riffle
Single point grab	Stream	Riffle
Grab	Stream	
Single point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Grab	Spring	
Grab	Stream	
Multiple point grab	Stream	Open channel
Grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Grab	Stream	
Multiple point grab	Stream	
Grab	Stream	
midpoint grab	Stream	
Multiple point grab	Stream	
Grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
grab	Stream	

Grab	Stream	
Grab	Spring	
Grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
composite	Stream	
Single point grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel

Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Grab	Stream	
Grab	Stream	
Grab	Stream	
Grab	Stream	
Grab	Stream	
Grab	Stream	
Grab	Stream	
Grab	Stream	
Grab	Stream	
Grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Grab	Stream	
grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
composite	Stream	
Multiple point grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open Channel
Grab	Stream	
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Grab	Stream	
Multiple point grab	Stream	
Grab	Stream	
Grab	Stream	
grab	Stream	

Multiple point grab	Stream	
grab	Stream	
Multiple point grab	Stream	
Grab	Stream	
Grab	Stream	
Multiple point grab	Stream	Riffle
Grab	Stream	
Single point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Grab	Stream	
Grab	Stream	
Grab	Stream	
3 depth grab	Stream	
Grab	Well	
	Lake	
Surface grab	Lake	
3 depth composite: 0.6, 1.6, & 2.6 m	Lake	
1 depth grab--mid depth; 1.4 m	Lake	
DH-81 depth composite	Lake	
Depth composite: 0.5, 1.0, and 1.4 m	Lake	
3 depth composite: 0.5, 1.5, 2.5	Lake	
Composite grab	Lake	2.2 m depth for algae; 1.0
Composite grab	Lake	1.0, 2.5, and 4.5 m depths
Composite grab	Lake	1.0, 2.8, and 4.6 m depths
3 depth composite: 0.5, 1.5, & 2.5 m	Lake	
1 depth grab--mid-depth	Lake	
DH-81 depth composite	Lake	
Depth composite	Lake	
3 depth composite: 0.5, 1.25, 2.0	Lake	

Composite grab	Lake	1.8 m depth for algae; 1.0
Composite grab	Lake	1.0, 2.5, and 4.5 m depths
Composite grab	Lake	1.0, 2.7, and 4.5 m depths
3 depth composite: 1.0, 2.5, & 4.0 m	Lake	
3 depth composite	Lake	
DH-81 depth composite	Lake	
3 depth composite (Kemmerer)	Lake	
Depth composite	Lake	
3 depth composite: 0.5, 1.5, & 2.5	Lake	
Single point grab	Lake	0.75 m depth for algae; 1.
Composite grab	Lake	1.0 and 2.0 m depths
3 depth composite: 1.0, 2.5, & 4.0 m	Lake	
3 depth composite	Lake	
DH-81 depth composite	Lake	
3 depth composite (Kemmerer)	Lake	
Depth composite	Lake	
3 depth composite: 0.5, 3, 5.0	Lake	
Composite grab	Lake	0.75 m depth for algae; 1.
Composite grab	Lake	1.0 and 2.0 m depths
Single point grab	Lake	Surface
Single depth; 0.4 m	Lake	
DH-81 depth composite	Lake	
Depth composite	Lake	
single depth grab; 1.0 m	Lake	
Single point grab	Lake	0.5 m depth
Single point grab	Lake	0.5 m depth
Depth composite	Lake	
DH-81 depth composite	Lake	
grab with rod	Lake	
multidepth composite	Lake	
3 depth composite: 0.5, 1.75, & 3.0 m	Lake	
Single point grab	Lake	1.0 m depth
Single point grab	Lake	1.0 m depth
Grab	Stream	
Depth integrating	Lake	
Single point grab	Stream	
Single point grab	Stream	Open Channel
Grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
3 depth composite: 0.5, 2.25, and 4 m	Lake	
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Single point grab	Stream	Open Channel

Multiple point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Single point grab	Stream	Riffle
Single point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Single point grab	Stream	Braided
Multiple point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Grab	Stream	
Single point grab	Stream	Braided
Single point grab	Stream	Pool
Single point grab	Stream	Pool
Grab	Stream	
Single point grab	Stream	
grab	Stream	
composite grab	Stream	
Multiple point grab	Stream	
Single point grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	Pool
Multiple point grab	Stream	Open channel
Single point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Single point grab	Stream	Riffle
Grab	Stream	
Single point grab	Stream	Riffle
Single point grab	Stream	Pool
Single point grab	Stream	Pool
Single point grab	Stream	Pool
Single point grab	Stream	Open Channel
Single point grab	Stream	Pool
Single point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Single point grab	Stream	Pool
Multiple point grab	Stream	Open Channel (large eddy)
Multiple point grab	Stream	Open Channel (large eddy)
Multiple point grab	Stream	Open Channel (large eddy)
Multiple point grab	Stream	Open Channel (large eddy)
Multiple point grab	Stream	Open Channel (large eddy)
Multiple point grab	Stream	Open Channel (large eddy)
Multiple point grab	Stream	Open Channel (large eddy)

Single point grab	Stream	Open Channel (large eddy)
Multiple point grab	Stream	Open Channel (large eddy)
Multiple point grab	Stream	Riffle
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Riffle
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	Braided
Multiple point grab	Stream	Braided
Single point grab	Stream	Braided
Single point grab	Stream	Open channel
Multiple point grab	Stream	Open Channel
pumped from top of flowing well	Well	
grab from end of cistern pipe	Spring	
Multiple point grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
composite	Stream	
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Riffle
Multiple point grab	Stream	Open channel

Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Riffle
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	
Single point grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Grab	Stream	
grab	Stream	
Grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	Open channel
Grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Single point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	
Grab	Stream	
Single point grab	Stream	Braided
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Grab	Stream	
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
grab	Stream	
Grab	Stream	
Single point grab	Stream	Open channel
Single point grab	Stream	Open channel
Multiple point grab	Stream	Open channel

Single point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Grab	Stream	
Grab	Stream	
Multiple point grab	Stream	
Grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Single point grab	Stream	Braided
Grab	Spring	
Grab	Stream	
grab	Stream	
Single point grab	Stream	
grab	Stream	
Multiple point grab	Stream	Open channel
Grab	Stream	Riffle
Multiple point grab	Stream	Water fall
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Single point grab	Stream	Riffle
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Grab	Stream	
Grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
composite grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Single point grab	Stream	Riffle
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
surface grab	Lake	
Grab	Stream	

Grab	Stream	
2 depth composite: 0.3 & 1.0 m	Lake	
mid depth grab	Lake	
DH-81 depth composite	Lake	
mid depth grab	Lake	
single pt @ 0.7 m	Lake	
Single point grab	Lake	0.6 m depth
Single point grab	Lake	0.5 m depth
Single point grab	Lake	0.8 m depth
3 depth composite: 1 m, 33', & 65'	Reservoir	
DH-81 depth composite	Reservoir	
3 depth composite (Kemmerer)	Reservoir	
3 pt composite; 1, 10, 20 m	Reservoir	
Composite grab	Lake	1.0 m depth for algae; 1.0
Composite grab	Lake	1.0, 15.0, and 29.0 m dept
Composite grab	Lake	1.0, 10.0, and 21.0 m dept
3 depth composite	Reservoir	
DH-81 depth composite	Reservoir	
3-depth composite (Kemmerer)	Reservoir	
3 pt composite; 0.5, 2.25, 4.0 m	Reservoir	
Composite grab	Lake	0.75 m depth for algae; 1.
Composite grab	Lake	1.0, 3.0, and 5.0 m depths
Composite grab	Lake	1.0, 2.5, and 5.0 m depths
Surface grab	Reservoir	
Grab	Spring	
Multiple point grab	Stream	
Multiple point grab	Stream	
Depth integrating	Lake	
3 depth composite; 1, 2.5, and 4 m	Reservoir	
3-pt composite; 0.5, 1.75, 3.0 m	Reservoir	
Single point grab	Reservoir	0.75 m depth for algae; 1.
Single point grab	Reservoir	Mid-depth
Single point grab	Reservoir	Surface
Single point grab	Stream	
Multiple point grab	Stream	Open channel
2 depth composite: 0.5 and 2.0 m	Lake	
Single point grab	Lake	1.0 m depth

Single point grab	Lake	0.8 m depth
Single point grab	Lake	1.0 m depth
Single point grab	Seep	
Multiple point grab	Stream	Braided
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
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Multiple point grab	Stream	Open channel
Multiple point grab	Stream	
Grab	Stream	
Grab	Stream	
Grab	Stream	
Single point grab	Stream	
Grab	Stream	
Multiple point grab	Stream	
grab	Stream	
Multiple point grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Braided
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Braided
Multiple point grab	Stream	Braided
Multiple point grab	Stream	Braided
Grab	Stream	
Single point grab	Stream	
Single point grab	Stream	Open channel
Single point grab	Stream	Braided
3 depth composite; 1, 10, 20 m	Reservoir	
Composite grab	Reservoir	2.3 m depth for algae; 1.0
Composite grab	Reservoir	1.0, 9.5, and 18.0 m depth

Composite grab	Reservoir	1.0, 11.0, and 19.0 m dept
Grab	Spring	
Multiple point grab	Stream	
Multiple point grab	Stream	
grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Grab	Stream	
Grab	Stream	
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Single point grab	Stream	Open channel
Single point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Grab	Canal	
Grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	Open channel
Single point grab	Stream	Open channel
Single point grab	Stream	Open channel
Single point grab	Stream	Open channel
Single point grab	Stream	Open channel
Grab	Stream	
Multiple point grab	Stream	
Single point grab	Stream	Braided
Single point grab	Stream	Open channel

Single point grab	Stream	Open Channel
Single point grab	Stream	Pool
Single point grab	Stream	Open Channel
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Riffle
Multiple point grab	Stream	Open Channel
Grab	Spring	
grab	Stream	
grab	Stream	
Grab	Spring	
Grab	Spring	
Multiple point grab	Stream	
grab	Spring	
Single point grab	Stream	
Multiple point grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Single point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Pool
Multiple point grab	Stream	Pool
Single point grab	Stream	
Single point grab	Stream	
Single point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Single point grab	Stream	Riffle
Multiple point grab	Stream	Open Channel

single point grab at mid-channel	Stream	
Single point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Multiple point grab	Stream	Open Channel
Single point grab	Stream	Pool
Single point grab	Stream	Open channel
Single point grab	Stream	Riffle
Multiple point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Single point grab	Stream	Open Channel
Single point grab	Stream	Pool
Multiple point grab	Stream	Open channel
Single point grab	Stream	Open channel
Single point grab	Stream	Open channel
Single point grab	Stream	Pool
Single point grab	Stream	Pool
Single point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
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Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Single point grab	Stream	Open channel
Single point grab	Canal	Canal bank
Single point grab	Stream	
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	Riffle
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Multiple point grab	Stream	Open channel
Single point grab	Stream	
grab	Stream	
Single point grab	Stream	
Single point grab	Stream	
Single point grab	Stream	Braided



Grab	Stream	
Grab	Stream	
Multiple point grab	Stream	
Grab	Stream	
Modified equal width increment	Stream	
Multiple point grab	Stream	
composite grab	Stream	
3 depth grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	Riffle
Grab	Stream	
Grab ~ 1 m below surface	Reservoir	
Surface grab	Lake	
Mid depth grab: 0.4 m	Lake	
Surface grab	Lake	
Depth composite--pole	Lake	
Depth composite--pole	Lake	
single depth (0.5 m)	Lake	
1 depth 0.25 m	Lake	
Single point grab	Lake	0.15 m depth
Single point grab	Lake	0.25 m depth
Mid depth grab: 0.4 m	Lake	
Surface grab	Lake	
Depth composite--pole	Lake	
single depth grab (0.5 m)	Lake	
1 depth 0.25 m	Lake	
Single point grab	Lake	0.25 m depth
Single point grab	Lake	0.25 m depth
3 depth composite	Reservoir	

3 depth composite	Reservoir	
3-depth composite	Reservoir	
3 depth composite-Kemmerer	Reservoir	
multi-depth composite; 1, 4, & 7 m	Reservoir	
Grab	Reservoir	
Grab	Stream	
Grab	Stream	
grab	Stream	
Multiple point grab	Stream	
Single point grab	Stream	
Single point grab	Stream	Pool
Single point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Composite grab	Stream	
Multiple point grab	Stream	
Single point grab	Stream	
Grab	Stream	
Grab	Stream	
Grab	Stream	
Depth integrated grab	Stream	
Grab	Stream	
Grab	Stream	
Depth integrated grab	Stream	
Grab	Stream	
Grab	Stream	
Grab	Stream	
Multiple point grab	Stream	
Composite grab	Stream	
Grab	Stream	
midpoint grab	Stream	
Multiple point grab	Stream	
Depth integrated grab	Stream	
Grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
composite grab	Stream	
Grab	Stream	
Grab	Stream	
composite	Stream	
Grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	Riffle
Depth composite	Lake	
Depth composite	Lake	
multi-depth composite (1, 2, 3.5 m)	Lake	
Single point grab	Lake	1.5 m depth
Single point grab	Lake	Just below the surface

Depth composite	Lake	
Depth composite--pole	Lake	
multi-depth grab	Lake	
Single point grab	Lake	1.5 m depth
	Lake	
Surface grab	Lake	
Depth composite	Lake	
multi-point grab from wadeable 1/3	Stream	
Grab	Stream	
Equal width increment grab	Stream	
Multiple point grab	Stream	
grab	Stream	
Grab	Stream	
Grab	Stream	
3 depth grab	Stream	
Multiple point grab	Stream	
Single point grab	Stream	
Single point grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	
Single point grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	
grab	Spring	
modified equal width increment	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
grab	Stream	
Equal width increment grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Grab	Stream	
Multiple point grab	Stream	
Single point grab	Stream	
	Effluent stream	
Grab	Stream	
Grab	Stream	
grab	Stream	
grab	Stream	
midpoint grab	Stream	
grab	Stream	

grab	Stream	
Single point grab	Stream	
Grab	Stream	
Single point grab	Stream	
Single point grab	Stream	
Single point grab	Stream	Riffle
Grab	Stream	
Grab	Stream	
3 depth equal width increment	Stream	
Equal width grab	Stream	
grab	Stream	
Multiple point grab	Stream	
Single point grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	Open channel
Grab	Stream	
grab	Stream	
Multiple point grab	Stream	
hand grab	Lake	
Composite from 0'-3'	Lake	
	Lake	
DH-81 composite to 6' depth	Lake	
	Lake	
Single point grab	Lake	Surface
surface grab	Lake	
DH-81 w/pole	Lake	
	Lake	
	Lake	
Single point grab	Stream	
Grab	Stream	Open channel
grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	
Multiple point grab	Stream	
Single point grab	Stream	
Single point grab	Stream	
Grab	Stream	Pool
Single point grab	Stream	
Multiple point grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	
Single point grab	Stream	
midpoint grab	Stream	
Single point grab	Stream	
Single point grab	Stream	
Single point grab	Stream	
Single point grab	Stream	Open channel
Single point grab	Stream	

Single point grab	Stream	
Single point grab	Stream	
equal width grab	Stream	
Single point grab	Stream	
Multiple point grab	Stream	
midpoint grab	Stream	
Single point grab	Stream	Open channel
Single point grab	Mine drainage	Open channel
Single point grab	Treatment pond	Pond outlet
Single point grab	Stream	Open channel
Single point grab	Stream	Open channel











			None, sandstone controlled
			Riparian: none. Terrace: 7
			Riparian: none. Terrace: 2
			Riparian: none. Terrace: 60
			Riparian: blue grass 10%, b
			wild spinach
west side at south		Yes	
west side of lake;		Yes	Grass; oak, pine, juniper--
West side1.0		Yes	
south enc1		Yes	
south enc1		Yes	
south end of dam		Yes	
Northeast side of 1		Yes	Grass, cattails; juniper--upland
North sic1.0		Yes	
north enc1		Yes	
north end of lake		Yes	
East side1.1		Yes	
East side1.0		Yes	
east shor1		Yes	
east shore		Yes	
West side1.2		Yes	Reeds and rushes
West side1.0		Yes	
west shor1		Yes	
west shor1		Yes	
west shore		Yes	
North end		No	Grasses, bare
North sic2.8 m		No	grasses/forbs
North sic3.1		No	bare along shore; upland ha
North enc1.5		No	grasses
North enc3.0		No	95% grasses/forbes, 5% bare
North enc	5.7N		75% herbaceous, 25% bare
North enc	5.2N		60% bare, 40% grass/herbace
North enc	5.6	No	Good herbaceous cover
South enc3.5 m		No	Grasses, bare
S side, n2.7 m		No	grasses/forbs and bare grou
South sic3.1		No	small shrubs and grasses
south enc1.4		No	grasses
South enc2.7		No	70% grass/forbes, 30% bare

South end	5.7N	West: 75% bare, 25% herbace
South end	5.2N	70% bare, 30% grass/herbace
South end	5.5 n	~50% cover grass/herbs
Between c	5.0	NoTypha, Scirpus
North end	3.9	NoGrasses/bare
North sic	4.4	NoMostly bare with some tall
north of	2.8	Nomostly bare and rocky on ea
North of	3.8	NoGrasses, much bare ground
North arm	2.8	No50% bare, 50% grass/forbes
North arm	2.4N	70% bare, 30% vegetated
North-cen	3.0N	70% bare, 30% herbaceous
South of	5.2	NoTypha, Scirpus
South sic	4.0	NoRocks
South of	4.4	NoMostly barren
south of	4.7	Nobare and rocky along lower
SE of dam	4.7	NoGrasses
South arm	5.6	No70% grass/forbes, 30% bare
South end	5.0N	60% bare, 40% other vegetat
South sic	3.2N	80% bare and rocky, the res
Off south	3.4 n	sparse grasses and herbaceo
2/3 dista	0.8 m	Notamarisk
east-cent	0.4	Nomixed bare and short tamari
~middle	3.4	NoN/A--too far from shore
Middle	2.0	NoN/A
East/midc	1.1N	N/A
Middle	1.0N	Mixed herbaceous, tamarisk,
At walkwa	3.4 m	Notamarisk
next to p	2.3	Nomostly barren, some tamaris
near irri	1.3	NoGrass and tamarisk on east
West side	4.8	Nobare rocks on dam; 40% tama
SW end ne	3.7	Nobare-dam
Near irri	2.2N	100% rock (dam)
West side	1.9N	Bare rocky
		denuded
		denuded
		evergreens, thistle, grasses, alder, rabbit brush
middle, n	2.1	Nonone
		Riparian: 5% Juncus, 5% sal
NW end ne	4.6	Nomostly bare rock on dam wit









			Tamarisk, Russian thistle,
South end	1.7		NoGrasses, ponderosa pine, 2
SW end of	1.0		NoGrasses/bare
Southwest	0.8		NoMixed barren and grasses
south end	1.9		Nojuncus, grasses, forbes-nea
south end	1.4		No70% grass and forbes, rest
Southwest	1.3N		15% bare/rock, 70% grasses,
South end	0.8N		90% grass/herbaceous, 10% b
South end	1.6N		Shoreline vegetation has good coverage of grasses, b
near dam	31.1		No
West end	28.5		NoBare rocks along dam
Near dam,	31.4		No
west-cent	29		No98% bare on dam, 2% weeds
West end	26.5N		100% rock (dam)
West end	30.6N		Mostly rock on dam, some sh
West end	30.1N		None on shoreline
E side -	4.9		No
East end	5.7		NoMostly tamarisk, Russian ol
SE side	5.8		NoGrass, tamarisk, Russian ol
east side	4.8		No
East side	5.5N		90% dense tamarisk/Russian
East end	5.8N		Dense Russian olive, tamari
East end	5.2N		Dense Russian olive and tam
SE side	1	Yes	
SE side	0.5	Yes	
SE side	1	Yes	
SE side		Yes	
NE side	1	Yes	
NE side	0.5	Yes	
NE side	1	Yes	
NE side		Yes	
NW side	1	Yes	
NW side	0.5	Yes	
NW side	1	Yes	
NW side		Yes	
			mostly bare--some grass
			Mostly bare ground, some gr
North end	0.8		No
south side	4.8		No
southside	3.6		No5% cottonwood, 25% cacklebu
South end	3.1N		50% herbaceous, 50% bare ro
South end	1.6N		Dense herbaceous weeds
South end	3.0N		
			Riparian: 30% willow, 5% gr
SW side n	2.4		No
South end	2.0N		95% herbaceous, 5% bare

West side	1.6N	Good-grass
West side	1.9N	Well vegetated with grasses, but they are heavily g Riparian: 95% reeds, 5% tam
		banks covered in tamarisk and Russian olive greasewood, tamarisk; snakeweed, rabbit brush; russ
		Dense tamarisk, some Russia
		dense tamarisk with some Ru
		Riparian: none. Terrace: g
		Riparian: 50% knapweed/sunf
		Riparian: 30% grass, 30% kn
		One dead olive nearby
		pockets of Scirpus; tamarisk in floodplain
		sparsely vegetated upland--grasses and small shrubs
		Bullrush, Russian olive, sa
		some Juncus, tamarisk, and
		bare ground with sparse gra
		Riparian: cattails on east;
		Riparian: Juncus 30%; Russi
		Riparian: 5% tamarisk, 15%
		Riparian: 80% Scirpus, 5% t
		Sage, tamarisk, grass, rabb
		minimal--some tamarisk; sag
SW side n22.1		Nomostly bare rock with scatt
West end	21.1N	90% rock/dam, 10% scattered
West end	19.5N	95% bedrock or dam; 5% cott



heavily vegetated banks--Russian olive, tamarisk, k  
tamarisk, cottonwood, sunfl

mostly bare, some Russian olive and sage  
mostly bare in riparian are

mostly herbaceous spp. and  
tamarisk along banks

Tamarisk (some dead), catta  
Tamarisk (some dead), catta

Sparse--Russian olive, will

Riparian: 10% bare, otherwi  
Riparian: 10% grass, 10% ba  
Riparian: 25% bare, 25% gra

Riparian: 100% bare. Terrac  
Riparian: 80% bare, 10% tam

Riparian: 5% bare, 60% Russ

Riparian: 80% bare, 10% gra

dense grass and scattered j

Riparian: grass juniper, ca

Riparian: scirpus 15%; Junc

Riparian: 90% grass/sedges;

mostly bare; sparse tamaris

Riparian: 100% bare ground,

Riparian: tamarisk 15%, Jun

Riparian: 97% bare, 3% gras

Riparian: 60% caryx/juncus,

Some riparian vegetation; t

grasses, Russian olive, tamarisk, cottonwood

tamarisk, bluegrass

Juncus (thick along banks a

Vegetated over 90% of banks; good grass cover (~6" t

alder lined channel, ponderosa in upland, some scir

Alder, rabbit brush, sage

Alders, grasses

alder, bluegrass, juniper

alder, blue grass, juniper,

Riparian: alder 15%, blue g

Riparian: Juncus 10%, grass

Riparian: 30% alder, 30% ju

Riparian: 50% Juncus, 20% a

smartweed, tamarisk  
 tamarisk, smart weed  
 tamarisk, rabbit brush, gra  
 grass along banks, tamarisk  
 rabbit brush, tamarisk, gra  
 Riparian: tamarisk 100%. T  
 Riparian: < 5% grass, 95% s  
 Riparian: 95% bare, 5% tama  
 Riparian: 85% bare; 10% gra  
 Riparian: <10% grass/weeds,

Tamarisk  
 Tamarisk and willow on banks

		Tamarisk, cottonwood
@ north shore bench		Yes some grass right at water's
North side		Yes
@ north sl		Yes
@ north sl		Yes
North side		Yes
west near	0.0	Yes Cattails, grass; juniper an
West side, mid lake		Yes
southwest; on west		Yes Cattails, grass; juniper an
west side near laur		Yes
South 3rc	0.8 m	No Caryx/Juncus, willow, tamar
Southwest	0.17 m	No grasses, mud
south, ne	0.5	No good wetlands from mid poin
Mid lake	1.1	No cattails abundant
southerly	0.9	No predominantly bulrushes wit
south enc	0.5	No Dense bulrush, grass and t
South enc	0.3N	85% bulrush, 5% other-herba
South enc	0.4N	Dense bulrush
North 1/30	0.8 m	No Juncus/Caryx and bare on is
Middle -	0.20 m	No grasses, mud
Mid-point	0.5	No good wetland from midpoint
Middle	0.9	No Bulrush, willow
mid-lake	0.5	No thick willow, bulrush and
Mid-lake	0.5N	90% herbaceous, 5% woody, 5
Middle-ea	0.5N	Dense bulrush
middle of	10.8 m	No

Near dam 11.0 m  
near dam, 6.8  
NW side n6.4  
NW corner 7.9  
North shore, adja

No grasses, wetland and lake p  
No sand  
No scattered grasses, shrubs,  
No Dam: 50% bare/rocks, 50% gr  
Yes

Juncus  
Blue grass, bottle brush, s  
Riparian: juncus 75%, blue  
Riparian: grasses 80%, salt  
Riparian: 50% grass, 50% ba

Riparian: 10% tamarisk, lit  
Riparian: 30% Russian olive  
tamarisk, grass, and rabbit  
Riparian: tamarisk 95%, Rus  
Riparian: 70% bare, 20% tam  
Riparian: 60% grass, 35% ba

Scirpus (increasing on point bars), willow, cottonw  
Juncus, Scirpus, rabbit brush  
spike rush, bull rush, Care  
90% grass in restoration, 1  
Riparian: 70% Scirpus, 5% w

some grasses, rabbit brush  
some Juncus  
Hammered Juncus/Scirpus  
No riparian vegetation; rab  
rabbit brush, some sage  
Riparian: 80% soil, 5% gras  
Riparian: juncus 5%. Terra  
Riparian: sedge 1%, juncus  
Riparian: 80% bare ground,

Near dam 3.3 m  
south side 2.5  
near dam 4.4  
South end 3.5N  
South end 2.0N

No Heavily grazed, salt grass,  
No short grass (grazed), salt  
No tamarisk, salt grass  
100% rock along the dam

3/4 towar	0.6-0.9	No	Heavily impacted, salt gras
NW corner	1.75	No	short grass (grazing), salt
North cen	1.6	No	tamarisk, salt grass
Northwest	3.4N		95% grass/herb, 5% bare
North end	2.0N		
East shor	0.6	Yes	dead rabbit brush and tamar
NE shore	0.5	Yes	
NE shore	1.0	Yes	
NE shore		Yes	
from dam,	0.6	Yes	barren
SE shore	0.5	Yes	
SE shore	1.0	Yes	
SE shore		Yes	
NE side	1.8	No	grazed grass
			Tamarisk (95%), cottonwood
			tamarisk
			tamarisk

no riparian grasses--invasi  
Riparian: 80% willow, 20% t  
Riparian: minimal, 10% will  
See photos

Riparian: flow above bankfu  
Riparian: 60% willow, 40% t  
Riparian and terrace: tamar  
Riparian: 100% bare. Terra  
Riparian: bare soil, heavil  
rabbit brush, no grass  
Cottonwood (1%), tamarisk (  
tamarisk

salt cedar, minimal grass  
minimal--mostly bare  
Riparian/Terrace: 80% salt

Riparian: water above bankf  
Riparian: 100% soil. Terrac  
Riparian: none. Terrace: 90  
See photos  
Tamarisk

minimum--tamarisk

salt cedar--no riparian gra  
tamarisk

		Riparian: none. Terrace: s usual
		Riparian: 1% grass, bare so
		Riparian: 90% bare ground, See photos
		minimal grass in stream
		Riparian: grass (<20%) prov
		Riparian: 10-20% grass, 80%
		Riparian: 40% grass, 60% ba
		Riparian: 40% blue grass, 1
		Baby salt cedars present
		minimal--mostly bare
		Riparian: willow 1%, tamari
Deep part2		Nograsses, but overgrazed!
deepest s1.7		Nograsses, but overgrazed
midpoint 2.0		Notamarisk, Russian olive, gr
SW side 2.6		Nograss (10%), Russian olive
Southwest	2.1N	See photos
	1.8N	Beach sand
SW shore 0.1		Yes
middle 3.66		Nonone on south
	6.1N	See photos
	4.0N	
		See photos; tamarisk
		Riparian: unknown grass (5%)
		Riparian: none. Terrace: ta
		Riparian: grass, tamarisk.
		Riparian: 100% bedrock, san
		Riparian: mostly bare, 5% s
		See photos
		Riparian: LB: 5% total cove
		Riparian: 85% bare, 5% junc
		Riparian: 80% bare, 10% jun
		Bare left bank and upland;
		Riparian: 5% saltgrass, 15%
		Riparian: 100% bare. Terra
		Riparian: none. Terrace: sa
		Riparian: 10% Scirpus, 5% t
		Riparian: floodplain has 25

Riparian: 90% bare in flood  
Riparian: 40% juncus/caryx,  
Riparian: sandy floodplain.  
Riparian: 95% bare, 5% gras  
Riparian: 2% Juncus, 98% ba  
Riparian: grass <5%, tumble

Wildlife	Other Aquatic Vegetation	Land use/Impacts
None		Grazing, logging
None		livestock, roads
None		Livestock, roads
No fish or crayfish		Grazing, agriculture
		Grazing, roads, recreation
		Off-road vehicles, grazing
		Grazing, roads, recreation
		Grazing, roads, solid waste
		Grazing, farming, recreation
		Grazing, USTs, WW pond
		Grazing, roads, solid waste
		Grazing, solid waste, roads
		Grazing, roads
		Grazing, roads, irrigation
		Roads, grazing, farming
		Farming, grazing, dirt
None		grazing, roads
None		grazing
None		livestock, vehicles
None		irrigated fields
Rare		agriculture, etc.
Common		Grazing, etc.
None		farming, roads
No fish or crayfish		Grazing, farming
		Grazing, roads, farming
		Grazing, roads
		Grazing, irrigation, roads
		Grazing, roads, farming
		Grazing, roads, farming

		Evidence of recent cat
		Livestock, solid waste
		Grazing, road construc
		grazing, paved/unpaved
None		Livestock, tra
None		Livestock, roa
None		over grazing,
None		Livestock, roa
None		grazing, Russi
No fish or crayfish		Irrigation, li
		Roadside ditch regrad
		Livestock grazing, sol
		Grazing, roads, solid w
		Solid waste, livestock
		Grazing, roads, solid w
		Grazing, roads, solid w
		grazing, roads, solid a
None		grazing, u/s road cons
		grazing, solid
		irrigation, grazing, r
		livestock, vehicles
None		
None		livestock, veh
None		Livestock, roa
Rare		livestock, roa

None		Livestock, road
None		grazing, road
No fish or crayfish		Livestock, road
		Cows, other livestock,
		Grazing, roads, solid w
		Roads, grazing, solid w
		Grazing, roads, solid w
		Roads, grazing, solid w
Common		picnic area, solid was
		Grazing, roads, solid w
		livestock present
Abundant		sheep grazing u/s of b
		grazing, roads
None		grazing, farm
None		livestock, irr
Rare		livestock, ro
None		livestock, roa
None		car washing irr
None		dam, grazing,
None		Trash
Fish are common; no crayfish.		Grazing, irrig
		Grazing, roads, solid w
		Grazing, roads, solid w
		Grazing, roads, solid w
		Grazing, roads, irriga
		Grazing, roads, solid w
		dam, grazing, road con





None		Grazing, roads
None		livestock, roads
None		grazing, roads
None		livestock, agriculture
No fish or crayfish; horse hair worms and mayfly larvae in water		Livestock, roads
		Grazing, trash dumping
		Grazing, roads, solid waste
		Grazing, farming, sept
		grazing, agriculture, solid waste
Crayfish		Livestock, irrigation
	some along shore	
		Livestock, irrigation
	None	
	abundant	
	Abundant	
	abundant	
None seen	Rare, along shore; 2 species	Grazing, recreation
Blue herons, swallows, goshawk	None	grazing, roads
dogs, sheep	None	grazing, recreation
water birds, osprey	Rare	Livestock, recreation
ravens, great blue herons	None	grazing, recreation
None	None	Grazing, irrigation
Ravens, cows, ducks	None	Grazing, irrigation
Cows, geese, loons, doe	None	Grazing, roads
Ravens	Rare--2 spp., along shore only	Grazing, recreation
blue heron, goshawk, geese	None	Grazing, roads
horses and ravens	None	grazing, recreation
Water birds	Rare	Livestock, roads
great blue heron, ravens, cattails	None	grazing, recreation

None	None	Grazing, irrig
Great blue heron	None	Grazing, irrig
	None	Recreation, sc
Ducks	Abundant, along shore out to 40'	Recreation, gr
Loons	None	Grazing, recre
Blue herons, ravens, loons, do	None	grazing, recre
blue herons, Canadian geese, s	Rare, more closer to shore	grazing, recre
water fowl, osprey, heron	Abundant	Livestock, roa
osprey, grebes, loons, 2 bald	Rare	grazing, solid
Bald eagle, grebes, geese, gre	Rare	Grazing, recre
Loon, turkey vulture, blue her	Abundant small floating algae	Grazing, irrig
Blue heron, ducks, mayflies, t	Abundant, shoreline out to 40'	Livestock, far
loons, seagulls	None	Grazing, recre
blue heron, loons, cattle	None	grazing, recre
blue heron, sheep, cattle, Can	N	grazing, recre
swallows, waterfowl	Rare	Livestock, roa
grebes, loons, 1 bald eagle, r	Rare	grazing, solid
Bald eagle, grebes, geese, gre	None	Grazing, recre
Loon, turkey vultures, blue he	Abundant small floating algae; cattails and ru	
white pelicans, loons, cows	None	Grazing, recre
Ducks	Rare	Livestock, rec
horses	None	grazing, recre
None	None	Grazing, recre
ravens, ducks	None	grazing, recre
Occasional damsel fly	None	Grazing, recre
Coots	None	Grazing, solid
Ducks	Rare	livestock, rec
raven, sheep, dogs	None	grazing, recre
blue heron, rabbit	n	grazing, solid
None	None	grazing, recre
ravens, goats	None	grazing, recre
Raven, horses	None	Grazing, irrig
Coots, snowy egret	None	Grazing, solid
None		heavily grazed
None		heavily grazed
		road construction
birds	N	grazing, recre
None		grazing, homes
		Grazing, roads
		Trash
		Grazing, roads
		Grazing, roads, solid w
5 great blue herons, 1 hawk, g	abundant in shallow water	grazing, recre
		Upstream grazing, road
		Grazing, roads, irriga
		Roads, grazing, solid w

		Grazing, roads, farmin
		Grazing, roads, solid w
		Livestock, solid waste
		Grazing, roads
		Grazing
		Grazing (heavily)
		Grazing
		Grazing
		oil and gas production
None		Oil and gas pr
None		grazing, oil and gas p
		grazing
None		grazing
None		livestock graz
None		livestock, roa
None		Livestock, son
None		Livestock (cov
None		livestock, roa
No fish or crayfish.		Grazing, recre
		Trash left behind by v
		Livestock grazing, rec
		Grazing
		Grazing, roads
		Grazing
		Grazing
None		Grazing, roads
		Grazing
		Grazing, water diversi
		Grazing, ag diversion (
		Grazing, roads
		Grazing, roads
		Livestock grazing; sol
		Grazing, channel modif
		Grazing, roads, oil an
		Grazing, roads, oil an
		Grazing, oil and gas, r
		Local: grazing, solid w
		Irrigation; grazing; W
		Grazing, roads, solid w
		Grazing, roads, solid w
		Grazing, roads, septic
		Grazing, solid waste.
		Grazing, roads, SR WWT

		Gold King Mine spill, r
		Gold King Mine spill, r
		Grazing; solid waste; o
		Oil and gas, grazing, r
		Grazing, roads, oil an
		Oil and gas, grazing, r
		Oil and gas, septic, g
		Oil and gas, grazing, s
		Oil and gas, grazing, s
		Gold King Mine spill, o
		Grazing; solid waste; o
		Grazing; roads; solid w
		Oil and gas, recreatio
		Roads, grazing, recrea
		Roads, grazing, recrea
		Solid waste, roads, gr
		Recreation, solid wast
		Gold King Mine release
None		Oil and gas production
None		livestock, oil
None		Oil and gas pr
None		oil and gas pr
No fish or crayfish.		Oil field, gra
		Oil and gas, roads, gr
		Municipalities, roads,
		Oil & gas, livestock g
		Oil and gas, livestock
		Oil and gas, grazing, r
None		grazing, oil and gas p
Abundant		Grazing, oil a
		livestock, oil and gas
		oil and gas production
		oil and gas production
		Livestock, roa
None		livestock, oil
None		Oil and gas pr
None		
Rare		Livestock, oil
Common		Oil and gas pr
Fish are rare; no crayfish.		Oil and gas ir
		Livestock (sheep), oil
		Livestock (sheep) graz
		Oil and gas, grazing, a
		Oil and gas, Cortez, f

		Oil and gas, livestock
		Grazing, solid waste, r
		Grazing, solid waste, r
Abundant-minnows		Grazing, oil/c
None		livestock graz
None		grazing, roads
None		livestock graz
None		Illegal dump,
		grazing, roads
None		Livestock, roa
None		grazing, coal
None		grazing, power
Rare		illegal dumpir
None		grazing, power
None		power plant/as
No fish or crayfish.		Illegal dumpir
		Coal mine, power plant
		Tamarisk, grazing
		BHP Navajo Mine, APS a
		Coal mine, power plant
		BHP coal mine, APS/fly
		Flyash, APS, BHP, NAPI
Common		Grazing, recreation
		Grazing, APS/BHP
		Grazing, solid waste, r
Common		Mining, coal ash dispo
		Livestock grazing, pav
		Grazing, roads, solid w
		Grazing, roads, solid w
		Livestock grazing, roa
None		Oil and gas, livestock
		grazing, dirt
		Grazing, roads, solid w
		Roads, livestock grazi
		Livestock grazing, roa
		agriculture, livestock
None		BIA in process
		NAPI, grazing, constru
		NAPI, grazing
		NAPI (discharging at t

		NAPI, livestock grazin
		NAPI, livestock grazin
		NAPI, livestock grazin
		Livestock, highway run
		solid waste disposal, g
		water diversion, grazi
None		
None		livestock graz
None		grazing, roads
Rare		Livestock, irr
No fish or crayfish.		Irrigation div
		Much of the channel is
		Livestock grazing, roa
		Livestock grazing
		Livestock grazing
		Livestock grazing
		agriculture, grazing, i
Common		grazing, coal
None		coal mine, NAE
Common		Mine, railroac
		Grazing, NAPI, Navajo M
		Livestock grazing, ag d
		Heavily grazed locally
		Coal mine, NAPI, roads
		NAPI, BHP Navajo Mine,
		Livestock grazing, coa
		Livestock grazing, NAP
		NAPI, BHP coal mine, r
		non-improved road cros
None		Roads, grazing
None		livestock, far
None		livestock, irr
None		livestock, roa
None		grazing, farmi
Fish are rare; no crayfish.		Illegal dumpir
		Paintball use
		Livestock grazing, roa
		Grazing, roads, old ur
		Livestock grazing, roa
		Livestock grazing, roa
fish, crayfish (remnants)	abundant	grazing, recre
cattle grazing on large island	dense	cattle grazing
None		grazing, solic

None		grazing, pipel
loons, mudhens(?), blue heron,	Abundant; along	Grazing, recre
Swallows, fish	Abundant	grazing, recre
ravens, sheep, dogs, cattle, h	Abundant	grazing, recre
damsel flies, ravens, cattle	Abundant	grazing, recre
swallows, damsel flies and lar	Abundant	grazing, recre
Guppies, trout, damsel flies (	Abundant	Grazing, recre
Kildere, raven, cows, sheep, s	Abundant algae and aquatic veget	Grazing, recre
	Abundant floating algae-small (~	Grazing, recreation
Blue heron, turkey vultures	None	Power plant, r
turkey vultures, sea gulls	None	Power plant, r
blue heron, seagulls	N	APS Power Plar
raven, loon	N	power plant, r
Grebes	None	Power plant, r
Loon, great blue heron, turkey	None	Power plant, c
Grebes	None	Power plant, r
Blue herons, egret, loon	None	Power plant, r
seagulls, grebe, various fish	None	Power plant, r
crows, blue heron, pelican	n	APS Power Plar
great blue heron, seagulls, lo	N	Power plant, c
None	None	Power plant, r
Loons	Bulrush near shore	Power plant, c
Great blue heron	Some rushes near shore	Power plant, r
lots of frogs	dense	
None		grazing, oil &
None		grazing, roads
Fish, blue mayflies	Abundant, grasses in lake	
birds--coots, breat blue heron	None	grazing, recre
swallows, fish jumping, 1 grea	Abundant	grazing, recre
Raven, humming bird	Abundant	Grazing, solid
14 great blue herons, lots of	Lots of aquatic vegetation and a	Grazing, solid
	Dense algae throughout lake	Solid waste dumping, r
None		livestock, irr
		Grazing, roads
None--horses and cattle period	None	grazing, recre
Ravens, frog, turkey vulture	None	Grazing, roads

Swallows	Rushes common near shore	Grazing, recre
	Aquatic vegetation near shore, b	Grazing, recreation
No fish or crayfish.		Flyash disposal
		Old surface mine, ash p
		Livestock grazing, BHP
		Coal mine, NAPI, oil a
		Livestock grazing, roa
		Coal mine, NAPI, roads
		Grazing, roads, reside
		Power plant, ash ponds
		Roads, grazing
		ag irrigation, grazing
		Livestock, sol
None		grazing, irrig
None		grazing, irrig
Common		Ute Mountain i
None		grazing, roads
Fish are rare; no crayfish.		Agriculture (f
		Livestock grazing
		Cattle, wildlife, recr
		Grazing, roads, Ute ag
		Grazing, Ute farm
		Livestock grazing, roa
		Grazing
		Grazing, roads, invasi
		oil and gas production
		Livestock, NAPI
		NAPI, grazing, oil and
None		
None		livestock graz
None		NAPI (ag irrig
None		Irrigation (NA
None		NAPI, livestock
None		Irrigation, li
No fish or crayfish.		Roads, oil and
		Sheep grazing nearby--d
		Grazing, oil and gas, r
		NAPI, oil and gas, gra
		NAPI, oil and gas, gra
		NAPI, livestock grazin
		NAPI, livestock grazin
None		grazing, oil and gas p
None		Oil and gas pi
		Oil and gas, roads, gr
		Livestock grazing, roa
great blue herons, cormorants	None	recreation, oi
Tukey vultures	None	Recreation, rc
Loon, swallows, duck	None	Grazing, recre

		Recreation
		NAPI
		NAPI, grazing, abandon
		NAPI, livestock/wildli
None		
		Livestock, far
Rare		NAPI, grazing,
None		Irrigation, li
None		Grazing, NAPI,
None		NAPI, grazing,
No fish; crayfish common.		Farming, roads
		Solid waste
		NAPI, solid waste dump
		NAPI, solid waste, gra
		NAPI, construction, ol
		NAPI, abandoned landfi
		NAPI, livestock grazin
Common		irrigation runoff, gra
		Livestock, oil and gas
		Oil and gas, grazing, s
		Ag-irrigation return f
		Construction, ag-irrig
		Irrigation, grazing, s
		Irrigation, grazing, s
None		Coal mine, NAPI
		NAPI groundwater flowi
		NAPI, BHP Navajo Mine;
		Coal mine, NAPI, solid
		Coal mine, fly ash dis
		NAPI, fly ash, coal mi
		Grazing, pipeline xing
None		livestock, pip
		abandoned uranium mine
None		livestock, roa
		grazing, AUMs
None		livestock, vel
None		grazing, urani
None		Livestock, roa
None		Livestock, res
		Livestock grazing, oil
		Livestock grazing, sol

Rare	Livestock grazing; sol Grazing, solid waste, r Roads, grazing, solid w farming, livestock, oi farming, lives Livestock grazing, oil Livestock grazing, sol Livestock grazing, roa Solid waste; grazing; i Solid waste; irrigatio
None	oil/gas production, lo grazing, oil a
None	agriculture re
None	AUMs; exposed coal sea
None	Sewage lagoons
None	grazing, NAPI
None	Grazing, NAPI
None	grazing, sewer
None	ag return flow
None	agriculture (f
No fish or crayfish; several bullfrogs.	Septic, grazir
None	Irrigation, solid wast
None	Ag-irrigation, solid w
	Ag-irrigation, solid w
	Grazing, solid waste, i
	Grazing, solid waste, i
	Soild waste, septic, i
	Roads, livestc
	Grazing, agric
	Oil and gas, livestock
	Power plants, coal min
	Power plants, coal min
	Septic, grazing, irrig
	Coal mining, WWTF, oil
	Grazing, solid waste, u
	Grazing, solid waste, W
	Possible Gold King Min
	Gold King Mine spill, s

None

grazing, irrig  
 Oil and gas, livestock  
 WWTF, APS & PNM, coal m  
 WWTFs, NAPI, coal-fire  
 Solid waste; tire burn  
 WWTF, coal mines, powe  
 Shiprock WWTF, solid w  
 Grazing, roads, agricu  
 Gold king mine spill, g  
 UMTRA seeps  
 UMTRA site, livestock g  
 UMTRA site, solid wast  
 UMTRA site, solid wast  
 UMTRA site, solid wast  
 UMTRA site, solid wast  
 UMTRA seeps; solid was  
 Old AUMs, livestock gr  
 Livestock grazing, AUM  
 AUMs, livestock grazin  
 Grazing, AUMs, roads  
 Grazing, AUMs, roads  
 NAPI, power plants, co  
 Power plants, coal min  
 APS/SJGS, coal mines, u  
 NAPI, power plants, co  
 Shiprock WWTF; power p  
 Shiprock WWTF, coal mi  
 Shiprock WWTF, livesto  
 Shiprock WWTF effluent  
 Shiprock WWTF  
 Nenahnezad WWTF  
 Gold King Mine spill  
 grazing, roads  
 Grazing, roads, cities  
 recreation, gr  
 Cattle grazing  
 Livestock, roa  
 grazing, roads  
 Grazing, roads, recrea  
 Reservoir, roads, soli  
 Grazing, roads, solid w  
 Livestock grazing, Blu  
 Livestock grazing, res  
 grazing, roads  
 Road, grazing,  
 livestock, roa  
 Grazing, roads  
 Roads, grazing

None

Common

Abundant

Rare

None

None

None

None

No fish or crayfish.

None  
Roads, grazing  
Grazing, roads, solid w  
Livestock grazing, roa  
Livestock grazing, sol  
Grazing, solic

Common  
livestock, solid waste  
grazing, solid waste d

None  
Rare  
Livestock

None  
None  
Abundant  
None  
Rare  
Rare  
Common  
No fish or crayfish.  
Grazing, camping, recr  
Livestock, recreation,  
grazing  
livestock, roa  
agriculture (ç  
grazing, roads  
erosion, upstr  
Roads, off roa  
Grazing, roads, campgr  
grazing, recreation, f

None		d/s of Gallup WWTF; so
None		livestock, WWTF, railr
None		WWTF discharge
None		effluent from
None		solid waste d
None		livestock, hou
None		Gallup WWTF, c
None		Waste water, t
None		WWTF, grazing,
No fish or crayfish.		WWTF, developn
		Gallup WWTF, solid was

None		livestock, roa
------	--	----------------

None		grazing, roads
schools of small fish, abundant crayfish		solid waste

Crane, ducks, crow		Livestock, rec
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Crow		Livestock, rec
------	--	----------------

Mosquito larvae, ravens	None	Grazing, fishi
Geese, blue heron	None	Grazing, roads
None	N	grazing, solic
None	cattails	grazing
None	rare	grazing, recre
Ducks, pelicans, great blue he	Common	grazing, recre
Swallows	Common	Grazing, roads
Kildere, Canadian geese, ducks	Common	Grazing, roads
4 Canadian geese; cattle on ea	None	Old Sawmill, c
Geese, great blue heron (3)	None	Grazing, recre
None	None visible	Grazing, solic
duck, cattle	Rare	grazing, recre
ducks, pelicans	Common	grazing, recre
Ducks	Common	Grazing, roads
Kildere, cows, Canadian geese,	Common	Grazing, roads
None observed	Abundant	Recreation, li

Ducks	Abundant	grazing, recre
none		grazing, low l
crows	None	grazing, recre
hawk, 3 great blue herons	None	grazing, recre
None		Livestock, veh
None		livestock, roa
None		livestock, roa
None		Livestock, roa
No fish or crayfish.		Livestock, ill
		Grazing, dumping, road
No fish or crayfish.		Window Rock WW
No fish or crayfish.		Grazing, old s
None		grazing, illeg
None		Livestock, roa
None		grazing, roads
None		grazing, roads
		sediments
None		Livestock, solid waste
None		National Park-
None		recreation, rc
No fish or crayfish.		grazing, deser
		Grazing, roads
		grazing, solid waste d
		Livestock, vehicles, r
		Livestock
None		Livestock, rar
None		livestock, ATV, road c
None		heavy over gra
None		livestock, roa
None		grazing, road
No fish or crayfish.		Livestock, roa
		Livestock, roads, tras
None	Abundant	Livestock, roa
Ducks	Abundant--grasses	Grazing , sanc
ducks, ravens	Abundant	Livestock
Flocks of grebes, ground squir	Common	Grazing, roads
Ducks, fish, bass, blue heron	Abundant throughout the lake	Grazing, trash

Ducks on north end	Abundant	Livestock, rec
ducks, duck eggs in nest on la	Abundant	grazing, borrc
ducks	Abundant	Livestock, rec
Flocks of grebes, geese, great	Abundant	Grazing, roads
~500 ducks on north side of la	Algae atop aquatic vegetation; b	Grazing, trash
ducks, crane	abundant: long-leaf pondweed, sa	recreation, li
ducks	rare--grass	recreation, li
Duck with four ducklings; fish	Abundant, grasses	grazing
None		vehicle crossi
None		traffic, cattl
None		urban--Winslow
None		urban--Winslow; livest
None		grazing, recent floodi
None		Invasive speci
None		grazing, roads
None		Grazing, roads
No fish or crayfish.		
No fish or crayfish		Trash
unknown		upgradient nor
None		Livestock, roa
None		grazing
None		grazing, roads
None		Livestock, roa
Rare		grazing
None		heavy grazing,
None		grazing, invas
None		grazing, invas
None		grazing, urani
None		
Unknown		wastewater dis
unknown		
None		Invasive plant
No fish or crayfish.		
Dragonflies, mosquitoes, black ants, and bees		Cameron WWTF effluent
None		grazing, solic
None		WWTF upstream
		WWTF, grazing
None		grazing, solic
None		grazing, solic

None		grazing, pumpi
None		usual
None		Livestock, roa
No fish or crayfish.		Sewage treatme
No fish or crayfish.		Effluent
		100% effluent flow; tr
No fish or crayfish		Effluent
		100% effluent
None		grazing, gas s
None		grazing, roads
None		WWTF, grazing,
None		Agriculture (l
No fish or crayfish.		Sewer lagoon,
		Grazing--tree branches
No fish or crayfish		Livestock grazing
None		
None		grazing
birds--flocks	Abundant	grazing, trash
ducks, herons, pipers, fish		grazing
ducks, blue heron, fish jumpin	Rare	livestock
fish, ducks, blue dragon flies	rare	grazing, trash
Heron, ducks, cows	None	Grazing
	None	Grazing
large goldfish (koi?)	abundant along shore	Grazing
Fish, goldfish	abundant	
	Abundant algae and aquatic vegetation near sho	
No fish or crayfish.		Grazing, tamar
Common		rafting, fishi
Abundant		invasive fish
None		grazing, touri
None		Grazing, roads
None		livestock, far
No fish or crayfish; tadpoles		Grazing, invas
None		grazing
None		grazing, recre
None		grazing, recre
		Moderate to heavy catt
None		grazing, recre
None		grazing, roads
None		grazing, sand
None		grazing, touri
No fish or crayfish.		Roads, livestc
None		grazing, recre

None  
None  
None  
None  
None  
None

grazing, roads  
grazing  
grazing, salt  
grazing, roads  
Livestock, roa  
grazing, roads  
Gold King Mine acid mi  
Gold King Mine acid mi  
Gold King Mine acid mi  
Gold King Mine and oth  
Gold King Mine spill, s

Scum/Sheen	Color	Lake Surface Condition	Previous Wind	Current Wind
N	N			
N	y, red-brown		LWind	Wind
N	y, red brown		Wind	Wind
No	Reddish			
	Red-brown			
	red-brown			
	Red			
	Red			
	Red-brown			
				LWin
	Red-brown			
	Red			
	Brownish-red			
	Red			
	Red			
				Wind
				Wind
				Wind
				Wind
				LWin
N	Y, gray-brown		LWind	Calm
N	N			
N				LWin
N	Y, slightly brown		Wind	Wind
N	Y, lt brown		LWind	Calm
N	No		Calm	Calm
N	Y, lt brown		Calm	Calm
No	None			
	None			
	None			
	Brown			
	None			
	None			





				Wind
				Wind
				Wind
				LWin
				Calm
		Light brown		
		None		
		Tan		
		gray-red		
		None		
				LWin
				Wind
				LWin
				LWin
N		N		LWind
N		N		LWin
N		N		LWin
N		y, light green		Wind
				LWind
N		N		LWind
N		N		Calm
No		None		
		None		

	None			
	None			
				LWin
				LWin
				Wind
				Wind
				LWin
	Y, orange			
				Calm
	Y			LWin
N	Y, Slight grn-orng			LWin
N	N			
N	N			LWin
N	n		LWind	Calm
			LWind	Wind
N	N		Calm	Calm
No	None			
				LWin
	Y, Lt. Brown			
N			LWind	LWin
N	Y, brown		Calm/LWind	Calm

N	Y, lt brown			
N	Y, Brown		Wind	HWin
N	Y, lt brown		Wind	LWin
N	Y, lt brown			Wind
No	Red/brown			
	None			
	Brown			
	Brown			
	Brown			
	Red			
	Red			
	Y, Lt brown			
				Wind
N	brown	choppy, wav	LWind	LWin
N	N	calm with r	LWind	LWin
N	Light brown	Choppy, 6"	LWind	Wind
N	Forel-Ule # XV	Calm	LWind	LWin
N	Forel-Ule XIV	small swell	LWind	LWin
N	Forel-Ule VI	calm	Wind	Calm
N	XV	placid	Lwind	Lwin
No	Forel-Ule XIV	Placid		
No	Forel-Ule XIV	4" swells		
No	Forel-Ule XVI	Calm		
N	Light brown	Choppy, whi	LWind	HWin
N	Forel-Ule # XV	6-8" swells	LWind	LWin
N	Forel-Ule XIV	very small	LWind	LWin
N	Forel-Ule VI	Calm	Wind	Wind
N	XV	placid	Lwind	Lwin

No	Forel-Ule XIV	2-3" swells		
No	Forel-Ule XIV	Choppy, 4-6" swells		
No	Forel-Ule XVI	choppy, 4"-6" waves		
N	Brown-green	choppy, 3-5"	Wind	Wind
N	Forel-Ule # XIV	glassy	LWind	LWin
N	Forel-Ule XIV	very small	LWind	LWin
n	Forel-Ule XVIII	6" waves,	nLWind	Wind
N	Forel-Ule VII	choppy	Wind	Wind
N	XVI	0-6" swells	Lwind	Lwin
No	Forel-Ule XV	3-4" waves		
No	Forel-Ule XVI	6" swells		
N	Brownish-green	Relatively	Wind	LWin
N	Forel-Ule # XIV	6-8" swells	LWind	LWin
N	Forel-Ule XIV	placid	LWind	LWin
N	Forel-Ule XVIII	6-8" waves,	LWind	Wind
N	Forel-Ule VII	choppy	Wind	Wind
N	XVI	placid	Lwind	Lwin
No	Forel-Ule XV	3-4" waves		
No	Forel-Ule XVI	6" swells		
No	Forel-Ule XVII	choppy, 6" waves		
N	Reddish brown green	Slightly choppy		Wind
N	Forel-Ule # XVIII	placid	Wind	Calm
N	Forel-Ule XVII	placid	Wind	LWin
Y, small bits of OM	XIX	6" swells	Hwind	Lwin
No	Forel-Ule XXI	Placid		
No	Forel-Ule XXI	1-2" swells		
N	Reddish brown green	Slightly choppy		LWin
N	Forel-Ule XVIII	placid	Wind	Calm
N	Forel-Ule XVIII	choppy (<3"	Wind	Wind
N	Forel-Ule XVII	calm	Wind	LWin
Y, small bits of OM	XXI	placid	Hwind	Lwin
No	Forel-Ule XXI	Placid		
No	Forel-Ule XXI	3-4" swells		
N	N		LWind	LWin
N	N		LWind	LWin
				LWin
N	Forel-Ule XXI	calm	Calm	Calm
y, in standing H2O	n		Lwind	Hwin
	Pale yellow			
	Gray-green			
	Yellow			
	yellow/gray/tan			
N	XIV	placid	Lwind	Lwin
	None			
	None			
	None			

	brown-red			
	Red			
	None			
	Tan			
	None			
	None			
	Yellow/gray			
	None			
				LWin
N	N		LWind	LWin
				LWin
				Wind
N	N		Wind	LWin
N	N			LWin
N	N		LWind	LWin
N	N		Wind	Wind
N	N		LWind	LWin
N	N		LWind	LWin
No	None			
	None			
N	N		Lwind	LWin
	None			
	Tan			
	None			
	Gray			
	None			
	Very light yellow			
	Brown			
	Brown			
	Tan			
	Tan			
	Brown			
	Brown			
	Brown			

	Reddish brown to dark brown			
	Gray/green			
	Brown			
	Brown			
	Light brown			
	Tan			
	Brown			
	Brown			
	Brown			
	Tan			
	Brown			
	Brown			
	Light brown			
	Tan			
	Tan			
	Brown			
	Brown			
	Tan			
	Y			
N	Y, beige		Wind	Wind
N	Y, lt brown		Wind	Calm
N	Y, slight red-tan		Calm	Calm
No	Brownish-red			
	Red/brown			
	Yellowish/greenish/grey tint			
	None			
	None			
	Light brown			
N	N			
				Wind
	Y			LWin
	Y			LWin
				LWin
N	Y, Lt brown			LWin
Y	Y, lt brown		HWind	LWin
N	Y, tan-lt brown		Wind	Wind
N	Y, Lt brown		LWind	LWin
N	Y, tan		Calm	LWin
N	Y, greenish tint		Wind	Wind
No	Yellowish tint			
	Brown			
	Green/gray			
	None			
	Tan with a tinge of red			

	Tan/gray			
	Brown			
	Brown			
N	N		Calm	Calm
N	Y, very lt brown		LWind	LWin
N	Y, tan		Wind	Wind
N	Y, milk chocolate		HWind	LWin
N	Y, medium brown		LWind	Wind
N	Y, Lt brown		LWind	LWin
N	Y, lt brown		HWind	LWin
Y, silty	Y, lt brown		HWind	Wind
N	y, brown			
Y, organic fines	Y, lt brown		Wind	LWin
N	Y, dark tan		Wind	Lwin
No	Almost clear--yellowish brownish tint			
	Brown/green			
	Brown			
	Brown			
	Tan			
	Brown			
	Brown			
				Wind
				Wind
				Calm
	Y			
	Brown			
	Brown			
				LWin
	Brown			
	Red/brown			
	Brown			
	Brown			
	Brown			
N	Y, Lt brown		LWind	LWin
	Tan			
	Tan			
	Brown			
				Wind
N	Y, vry slght brn		Lwind	LWin
	None			
	None			
	None			

	None			
	Pale olive			
	None			
				Wind
				Wind
N	N		LWind	Calm
N	Y, Lt red-brown		LWind	Wind
N	N		Wind	LWin
N	N		LWind	LWin
No	None			
	Red/brown			
	None			
	None			
	Red			
	Red			
				Wind
N	Y, slight grn-brn		Calm	LWin
N	N		HWind	Wind
Y, in pools, stagnant	N		HWind	Wind
	Brown/green			
	None			
	Brown			
	None			LWin
N	Y, Red-brown		LWind	LWin
N	Y, lt red-brown			
N	Y, Lt reddish-brown		LWind	Wind
N	Y, brown		LWind	Wind
N	N		Wind	LWin
No	Reddish tint			
	None			
	Red/brown			
	Red			
	Very pale tan/red			
	Dark reddish-brown			
Y, small patches	brownish			Calm
		calm		Calm
N	N		Wind	LWin

N	Y			LWin
N			placid to 1	Wind LWin
N	Greenish		Calm to 3"	Wind Wind
N	Forel-Ule XVII		placid	Wind Calm
N	Forel-Ule XV		small waves	LWind LWin
N	XIV		placid	Lwind Lwin
No	Forel-Ule XV		Mostly calm	
Yes, rainbow sheen along	Forel-Ule XV		Placid	
	Forel-Ule XIV			
N	Forel-Ule X		Calm to ver	Wind LWin
N	Forel-Ule XII		very small	HWind LWin
N	Forel-Ule XII		2-3 inch wa	Wind LWin
N	XII		Placid	Lwind Calm
No	Forel-Ule VII		~4" swells	
No	Forel-Ule XIII		6-8" swells	
No	Forel-Ule XVI		Calm	
N	Forel-Ule # X		6-12" swell	Wind Wind
N	Forel-Ule XII		placid	Wind LWin
N	Forel Ule XII		Calm, 6" sw	Wind Calm
N	XII		a little ch	Lwind Wind
No	Forel-Ule XII		~4" swells	
No	Forel-Ule XIII		1-2" swells	
No	Forel-Ule XIV		Calm	
				LWin
				LWin
				LWin
N	Y, tan			Wind Calm
N	Y, tan			Wind Hwin
N	Forel Ule XIV-clear		calm	LWind LWin
N	dark green/yellow/tan		Placid	LWind LWin
N	XVI		placid	Lwind Lwin
No	Forel-Ule XVI		Placid	
Yes, algae and rust color	Forel-Ule XXI		Calm	
	Forel-Ule XVI			
N	Y, greenish tint			Hwind Lwin
	Yellow			
Y, yellow pollen	XVI		Placid	Lwind Lwin
No	Forel-Ule XIV		Placid	

No	Forel-Ule XVII	1-2" waves		
	Forel-Ule XVI			
No	None			
	Brown			
	Brown			
	Tan			
	Brown			
	Brown			
	Brown			
	Brown/green			
	Tan			
Y, organic fines	Y, Dk brown		LWind	LWin
N	N		LWind	LWin
N	y, gray-brown		Wind	Wind
N	Y, brown		Calm	Calm
N	Y, lt brown		Wind	LWin
No	Brown			
	None			
	Brown			
	Brown/green			
	Tan			
	Brown			
	Brown			
	Slight gray/green color			
	Y			LWin
				LWin
	Y			LWin
	Y, Lt. Brown			LWin
N	N			
N	Y, lt brown		Wind	Wind
N	Y, tan		LWind	Calm
N	Y, lt brown		LWind	LWin
N	N		Lwind	Hwin
No	Milky gray			
	Brown			
	Pale green			
	Tan			
	Tan			
	Brown			
	Tan			
				LWin
N	N		Wind	LWin
	None			
	Brown			
N	VII	placid	Wind	Lwin
No	Forel-Ule XIV	Placid		
No	Forel-Ule XIV	Placid		

	Forel-Ule XIV			
	Y			LWin
				LWin
				LWin
Y	N		Calm	LWin
N	N			
N	N		LWind	LWin
N	Y, gray tint & particles		LWind	LWin
N	N		LWind	Calm
N	Y, slight yellow		Hwind	Wind
No	None			
	Red/brown			
	Light greenish gray			
	Tan			
	Light greenish tan			
	None			
				Wind
				Wind
	Light brown			
	None			
N	N Slight brown tint		LWind	Calm
	Yellow/orange tint			
	Pale yellow			
	Yellow/brown/rust			
	Pale yellow			
	Tan			
				Wind
N	N			Calm
				Wind
N	N			LWin
	Y			LWin
N	N		LWind	LWin
N	Y, red		Wind	LWin
N	Y, brown		Wind	Wind
N	Y, reddish-brown		LWind	Calm
	None			
	Red			

		Red			
		Red			
		Red			
Y		Y, Olive green			Calm
		Tan/yellow			LWin
		Light gray/tan			
		Gray/green			
		Brown			
		Gray-green			
		Y			Wind
N		N	Wind		LWin
N		N	LWind		LWin
		Y, red- brown	Wind		Calm
		Y			LWin
		N			LWin
					Calm
					Wind
N		N	Wind		LWin
					Calm
					Calm
					Calm
N		Y, tan-green	Wind		Wind
N		Y, light brown	Hwind		Calm
No		Gray/tan			
		Gray			
		None			
		None			
		Gray			
		Brown (tan)			
		Gray-green			
		None			
N		N	Lwind		Lwin
N		Y, tan	Lwind		Calm
		Brown			
		Olive drab			
		Pale olive			
		Brown			
		Gray/tan			
		Brown			
		Very light tan			
		Brown			
		Gray/green			

Y, small OM	Y, tan	Lwind	Lwin
	Brown		
	Olive drab		
	Pale olive		
	Brown		
	Gray-green		
	Brown		
	Brown		
	Brown		
	Amber-yellow		
	Brown		
	Yellow		
	Light yellow		
	None		
	Light gray/tan		
	None		
	Olive		
	Light gray/tan		
	None		
	Olive		
	None		
	N/A		
N	Y, brown	Wind	LWin
	Brown		
N	N	Wind	Wind
N	N	LWind	Wind
N	N	Wind	Wind
N	N	Wind	Lwin
	None		
	Green--slight tint		
	None		
	None		
	None		
N	N	LWind	Calm
N	Y, lt yellow-green tint	LWind	Calm
N	N	Lwind	Lwin
No	None		
	None		

		None		
N		Y, brown	Wind	Wind
				LWin
N	N		Wind	Wind
Y	Y			
				Wind
				Wind
		N		LWin
				LWin
				Calm
N		Y, slight grn-orng		LWin
N		N		
N		Y, little brn- grn	LWind	LWin
N		Y, brown-green	LWind	LWin
N		Y, faint		LWin
N		N	Wind	Lwin
N		N	Calm	Calm
No		None		
		None		LWin

				LWin
		Y		Calm
N		Y, Green	Wind	LWin
N		Y Lt. brown	LWind	LWin
N		Y, med brown	Wind	HWin
Y, slight scum		Y, biege/green	Lwind	LWin
N		Y, Lt brown		LWin
N		Y, lt brown	LWind	LWin
N		Y, gray-green	Lwind	Wind
No		Greenish		
		Brown		
N	N		HWind	HWin
				Calm
N	N		Wind	LWin
N	N			Calm
				Wind
N		reddish brown	choppy, waves	Wind
N		reddish brown	choppy, waves	HWin
N		Reddish brown	Calm; 1" swLWind	LWin
N		Forel-Ule # XVIII	calm Wind	LWin
N		Forel-Ule XIX	Wind	Lwin
N		Forel-Ule XVII	choppy Lwind	Lwin
N		Forel-Ule XVIII	slightly chWind	LWin
N		XXI	placid Lwind	Lwin
No		Forel-Ule XXI	Placid	
No		Forel-Ule XIX	Placid	
N		Reddish brown	6-8" swellsLWind	Wind
N		Forel-Ule # XIX	small wavesWind	LWin
N		Forel-Ule XIX	Wind	Lwin
N		Forel-Ule XVIII	calm Wind	Calm
N		XXI	placid Lwind	Calm
No		Forel-Ule XIX	6-8"swells	
No		Forel-Ule XIX	Placid	
N		Green	Relatively calm	LWin

N	Forel-Ule # XIV	Calm, smooth	LWind	LWin
N	Forel-Ule XII			
N	Forel-Ule XV	placid	Wind	LWin
N	Forel-Ule XVI	calm	LWind	Calm LWin
N	N			
N	N		LWind	HWin
N	N		Wind	LWin
N	N		Wind	LWin
No	None			
	None			
No	Green			
No	None			
N	Y, lt brown w/ red tint		Wind	HWin
N	Y, brown		Wind	LWin
Y, organic debris	Y, tan		Wind	LWin
Y, fine dust	N		Wind	Wind
	Y			
	Y			LWin
				Calm
				Wind
N	Y--Brown-turbid		Wind	Wind
N	Y, Lt. brown			
N	N		LWind	LWin
No	None			
	Y			LWin
	Y			LWin
				LWin
N	Y brown, turbid		Wind	Wind
	Y, brownish-red		LWind	
N	N		LWind	LWin
N	Y, brown		LWind	LWin
N	N		Lwind	Lwin
No	Reddish-brown			
	None			
N	Forel-Ule # X	Calm	LWind	LWin
N	Forel-Ule XV		Wind	Wind
N	Forel-Ule VII	slightly ch	LWind	Wind
No	Forel-Ule XVI	Placid		
No	Forel-Ule VI	Calm		

N	Forel-Ule # VIII	Slightly ch	LWind	LWin
N			LWind	Calm
N	Forel-Ule VII	Choppy	LWind	Wind
No	Forel-Ule XIV	8" swells		
No	Forel-Ule VI			
N			Wind	Wind
N			Wind	LWin
N		Calm		Calm
N	Light brown		LWind	Calm
N	Y Lt. brown		LWind	LWin
N	lt brown		Calm	Calm
	Y		LWind	LWin
	Lt Brown		Wind	Wind
N	Y, lt silty brown		LWind	LWin
N				LWin
	N		Calm	LWin
No	Light brown			
	Light brown			
N	Y, lt brown		LWind	LWin
N	Y, heavy sediment		Wind	Wind
N	Y, lt brown		Calm	Calm
N	N		HWind	Wind
N	N		Hwind	Lwin
N	Y, Dk brown		Wind	Wind
N	Y, Lt. Brown		Wind	LWin
Y, <10%	Y Lt. brown			LWin
N	Y, lt brown		Calm	Wind
N	Y, Lt. brown		Calm	Calm
N	Y, lt brown		LWind	Calm
	Light brown			
N	Y, lt brown		LWind	Calm
N	Y, lt brown			Calm
N	Y, lt brown		Calm	Calm
No	Light brown			
	None			
Y, algae	Y, green		Calm	Calm
N	Y, dark green		Calm	Calm
N	brown		LWind	Wind
N	Y, dull army green		Calm	LWin
N	Y, green		LWind	LWin

Y, detritus	Y, lt gray/green		LWind	LWin
N	Y, murky green		Calm	Calm
Y	Y, muddy green		Calm	Calm
No	Red brown			
	Green			
N	Y			
N	Y, lt brown		LWind	LWin
N	Y, tan		LWind	Wind
N	Y, reddish tint		Lwind	Lwin
No	None			
	None			
	None			
N	N		Lwind	LWin
N	N		Wind	Wind
N	Forel-Ule XVII-XIX		LWind	LWin
N	Forel-Ule XXI	slightly choppy		Wind
N	Forel-Ule VII	ripples	LWind	Wind
N	lt brown	calm	Calm	Calm
No		Calm		
No	Forel-Ule XXI			
N		calm	Wind	Wind
No		Calm		
No	Forel-Ule XIV			
No	Sand brown			
N	N		LWind	LWin
N	Y, lt green		Calm	Calm
N	Y, lt brown			
N	N		LWind	LWin
N	N		Wind	Lwin
No	None			
	None			
N	N		LWind	Calm
N	N		LWind	LWin
N	N		Lwind	Calm
N	N		Wind	Wind
N	N		Wind	LWin
N	N		Calm	LWin
N	N		Hwind	Calm
No	None			
	None			
N	N		LWind	LWin

N	N	Wind	Calm
N	N	Hwind	Lwin
N	N	Calm	Calm
N	N	Wind	HWin
N	N	Hwind	Hwin
N	N	LWind	LWin
	Reddish brown		
	Orange		
	Orange		
	Orange		
	N		







		Warm				
		Warm				
		22.5				
		Warm				
		Warm				
		2				
		26				
		~20				
		Cool				
		25				
		Cool				0.25
						0.18
		Warm				
						0.20
		11				0.20
						0.20
						0.22
		8				0.30
		19				0.40
W	3.7	21.4	39.9	7.4	30.26	0.30
NE	0-3	24.5	11	-6.8	30.25	0.20
NNE	1.1-3.5	27.6	19.5	2.0	22.97	
SW	0-6	27.3	15.5	-0.3	23.10	

		warm			
		3			
		Cool			
		6			
		Warm			
		19			
		15.5			
		22.5			
		~20			
		13			
		14			
SW	0-2	28.2	12.8	-4.6	30.27
N	0-3	23.8	55.7	13.2	23.20
N/A	0	25.5	36.2	9.7	23.04
		22			
		~35			

0.18  
0.14  
0.29  
  
0.05  
1.33  
  
0.20  
  
  
  
0.18  
1.13  
  
0.20  
0.48  
0.81  
0.08











SW					
		24			
W	0-10	21	8.6	-14.1	23.83
		28			
		15			
		~30			
		9			
		11			
		15.6			
W	0-3	31.1	26	-8.6	25.12
E	0-2	26.6	41.0	11.8	25.13
W	4.1	20.1	26.9	27.1	24.86
NE	0-10	21.6	34.5	5.4	24.94
NE	3.0	20.0	11.4	-11.4	29.96
W	0-6	10.5	36.9	-3.0	24.70
		Warm			
		~25			
		26			
		25			
N	0-2	11.5	21.4	-10.4	24.77
S	0-13	17.7	33.7	1.2	24.48
S	0-7	23.4	41.3	9.2	24.83
		33			
E	0-6	25.8	33.1	8.3	24.55
E	0-6	20.2	25.3	0.0	
N/A	0	25.3	22.5	1.8	24.69

		Cool			
		15.2			
		20.0			
		18.9			
		24.6			
W	1	17.0	30.5	-0.5	23.61
		14.1	19.1	-9.7	23.58
W	0-2	18.6	12.5	-11.4	23.74
Various	0-8	13.2	36.5	-0.9	23.63
		15			
SW	0-2	27.9	29.0	9.4	24.93
N	3	14.9	18.8	-8.3	29.90
Swirling SW	0-14	24.5	22.0	0.4	24.51
E	0-5	28.5	24.8	6.5	24.93
N/A	0	31.0	12.5	-2.6	24.94
		Cool			
		~25			
		14.2			
		23			
		21.7			
SW	0-7	5.7	22.8	-13.5	23.7
N	0-4	17.1	37.9	3.5	23.85
W	1.5	20.5	21.5	-2.7	23.83
W	0-8.5	12.1	21.8	-9.4	23.66
S	0-5	22.0	9.9	-9.8	23.77
W	0-12	16.8	25.2	-4.0	23.69
		~20			
		cool			

1.50  
0.76  
1.08  
1.06



SW	5.1	30.4	12.6	-1.9	24.94
E	1.8	19.0	11.3	-13.9	24.97
E	0-1	10.4	38.5	-3.5	24.69
W					
E	0-5	24.7	13.6	-2.7	
N/A	0	11.1	41.0	-3.0	24.68
S					
		9			
		32.4			
W	0-3	30.3	43.8	14.7	25.52
E	3.3	24.7	15.8	-5.5	25.31
SW	0.5	27.8	28.4	4.5	25.29
W	5.6	18.4	18.6	-6.8	25.13
W	0-12	21.2	21.2	-1.9	25.24
W	1.5	30.2	20.0	4.0	25.44
NE					
		8.5			
		84			
SE	0-15	28.7	13.5	-0.2	24.61
NNE	3.1-9.4	28.3	24.7	5.7	24.57
SW	0-10	22.9	14.4	-4.9	24.50
NE	0-7	21.7	18.0	-3.9	
S	10-20	19.2	13.7	-8.4	24.62
E/SE	0-6	25.8	29.7	6.8	24.86
SW		27.0			
		4.5			
E	0-5	8.3	19.1	-13.9	

2.01

		37			
		19			
		34			
		~30			
		14			
		18			
E	0-3	26.1	40.5	11.7	24.91
S	0-10	20.3	54.5	10.1	24.99
N/A	0	24.7	59.9	15.1	24.86
N	0-6	27.3	25.8	6.5	24.90
E	0-3	12.1	27.1	-6.4	24.84
N	0-4	14.8	27.0	-4.3	24.97
N/A	0	28.4	48.4	16.7	24.97
N	0-6	20.3	22.5	-2.4	24.89
S	0-2	27.5	14.2	-2.1	24.94
		19			
		7.8			
SE	0-1	12.2	34.9	-3.1	
E	0-5	22.1	11.8	-8.2	24.64
N/A	0	28.9	47.4	16.7	25.04
Various	0-4	19.4	23.0	-2.7	24.95

		16			
		12			
N	0-5	10.7	12.7	-17.1	24.31
SW	0-13	21.6	17.3	-5.4	24.22

		~25				
W	0-3	22.2	18.8	-2.30	25.07	

NE	0-7	32.0	21.4	6.5	25.23	
SW	0-1	25.8	11.1	11.8	25.22	
N/A	0	30.9	31.4	12.4	25.10	
W	0-3	31.2	22.1	7.9	25.17	
SW-NW	0-5	29.0	13.0	-3.8	24.98	

NE	0-6	25	13	-6	31.00	
N/A	0	22.8	35.5	6.4	25.19	8.19

SE	0-2	26.7	25.6	7.3	25.38	8.00
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N	0-3	29.7	28.5	9.4		
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N	0-4	33.5	19.4	6.3	25.08	
SW	0-6	19.9	22.0	-2.7	23.48	

S	0-14	21.2	14.8	-7.2	24.5	
W	12-30	24.5	12.8	-5.8	24.21	
	14					1.86
	15.6					1.80
NW	3.8	19	21	-4	29.32	
E	0-5	21.4	26.6	-0.5	23.21	
W	0-5	8.4	34.7	-5.8		
E	0-3	12.5	19.0	-9.7	22.85	
SE	0-4	22.2	14.0	-6.2	23.16	

		14				
		15				
S	2.8	22.8	32	5	30.43	
NW	0-11	25.0	7.7	-11.3	24.02	
NE	0-6	20.2	15.7	-6.6		

W	0-8	19.2	14.2	-9.1	23.95
W	0-8	29.7	29.1	9.4	24.06

W	0-28	4.0	50.6	-5.2	23.05
---	------	-----	------	------	-------

~25  
Hot

~10

Brisk

0.17

Warm

0.25

0.15

Cold

1.22

~22

0.20

0.97

~20

0.94

1.34

~25

0.77

0.79

15

0.97

	0	17.7	50.4	7.3	30.21
SW	0-1	19.1	53.6	8.5	30.25
SW	0-6	19.7	19.0	-4.8	22.71
S	0-1	25.0	40.0	9.3	23.04

0.56

~25

~10

16

24

NW	3	24.5	38.0	10.7	30.20
NE	0-8	31.9	8.3	-6.1	23.85
W	8.8	24.2	10.6	-7.3	23.46
NW	0-4	29.5	34.5	12.4	

13.5

26

2.54

~10

~25

Warm

		21				
		19				
	calm	29.3	30	9.3	30.19	
N		6.3	21.3	13.4	-9.4	23.28
NW	0-8		24.0	47.0	11.9	23.45
			21.0			
NW		5.5	26.6	11.1	-6.7	23.24
		16.5				
SW	0-9	12.3	20.1	-10.2	24.24	
W	0-12	8.6	16.2	-16.3	23.22	

26

24

Warm

0.65

3

SW	7-22		21.8	10.0	-11.9	23.65
		24				
		28				

1.09

13

W	0-3	29.7	25	7.8	30.26	
NW		5	28.3	17.0	4.0	23.74
S		3	30.2	29.2	9.6	29.91

		~20				
		~30				
		~25				
		26				
		29				
		27				
N/A		0	34.7	34.8	12.5	25.21
NW		4	26.8	24.5	4.4	30.86
NNE	2-4.5	7.8	36	-5.6	30.06	
SSE	0-6	32.0	23.0	8.3	30.06	
	calm	28.8	24.6	6.5		
SW	0-14	11.6	22.2	-11.6	23.52	
	0-2	20.3	13	-9	30	
		~20				
		~30				
		~35				
		29				
		~30				
		32				
W		5	36.1	17.5	7.5	31.30
S	5	15.1	16.3	-9.5	30.12	
	calm	37	19	11.7	30.01	
W	calm	29.1	30	9.8	30.33	
			36.3	16.6	8.1	
		~30				
		~20				
		27				
		16				

		~23				
SSW	1-2	34.2	16.4	5.0	30.00	
		30	22.5	8.9	30.00	
NNW	0-1.9		32.8	26.0	10.7	25.52
SW	1	34.9		9.5	-6.7	31.05
SW	1-2		34.4	17.3	5.1	31.10
SW	0.7	27.8		24.4	5.6	31.11

27

SE	17.4	17.7	14.0	13.5	30.09	
W	3.6	19.8	6.6	-22.2	23.93	
SW	1-5		32.6	9.3	-0.7	31.89
SE	4	23.2		19.9	0.0	28.90
N/NE	1.2	23.5		26.7	2.2	29.16

~25

SW	13.8	22.8	6.8	-3.7	9.5	
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N/A	0	35.6		26.5	13.8	25.60
E						25.42

	calm	31.5	27.5	11.5	30.1	
--	------	------	------	------	------	--

13

SW	2.3	23.8	11.8	-8.6	30.04	
NW	0-3	35.6	7.7	-4.2	29.99	
S 10deg W	2.4	33.7		22.0	9.2	25.33
N/NW	3	35.6		14.2	5.0	29.90

N	0-4	17	23.9	-5.2	25.48	
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N/A	0	23.1	16.9	-3.9	25.64	
-----	---	------	------	------	-------	--

32

11.0

13

SW	1.3-2.0	28.3	9.0	-7.9	30.14	
SE	0-2	21.5	24.6	-1.3	30.18	
S	0-1.8		15.3	35.0	0.4	24.41
S/SE	2.7	35.0		13.1	2.6	29.91

29

N	0-4	17.8	12.3	-10.6	24.33
W	0-5	19.6	29.4	2.0	24.32
S	0-26	13.4	22.6	-7.8	24.48
S	0-12	31.4	8.8	-5.1	29.99
		21			

Notes	Number of Photos	Data Source
heavy ppt in headwa		NNEPA WQ
~25 yds d\s of gage		NNEPA WQ
flow estimated from		NNEPA WQ
Channel i	3	NNEPA WQ
Channel i	3	NNEPA WQ
Flow mean	3	NNEPA WQ
Rained la	5	NNEPA WQ
Not flowi	3	NNEPA WQ
Peak stor	5	NNEPA WQ
Big storm	3	NNEPA WQ
Sandstone bedrock c		NNEPA WQ
Collected	5	NNEPA WQ
Higher fl	3	NNEPA WQ
Very high	9	NNEPA WQ
Low flow,	3	NNEPA WQ
Heavy rai	5	NNEPA WQ
		NNEPA WQ
		NNEPA WQ
Fecals only--no fie		NNEPA WQ
		NNEPA WQ
Stream level high.		NNEPA WQ
Fecals only--no fie		NNEPA WQ
Fecals only--no fie		NNEPA WQ
		NNEPA WQ
Fecals only--no fie		NNEPA WQ
Just u/s from bridg		NNEPA WQ
		NNEPA WQ
above baseflow; roa		NNEPA WQ
open canopy at site		NNEPA WQ
Field form for othe		NNEPA WQ
high flow due to sn		NNEPA WQ
Fecals only; conduc		NNEPA WQ
Trampled banks, hea		NNEPA WQ
mixed cobbles and f		NNEPA WQ
gravel sandy bottom		NNEPA WQ
Velocity was estima		NNEPA WQ
Redox was not stabl		NNEPA WQ
Algae is	0	NNEPA WQ
Fish pres	6	NNEPA WQ
Appears t	3	NNEPA WQ
pH probe not workin		NNEPA WQ
Heavy rai	3	NNEPA WQ
Recent ra	3	NNEPA WQ
High flow	4	NNEPA WQ

sample collected ~5	NNEPA WQ
	NNEPA WQ
Fecals only--no fie	NNEPA WQ
	NNEPA WQ
Fecals only--no fie	NNEPA WQ
pH strip used.	NNEPA WQ
Fecals only--no fie	NNEPA WQ
Fecals only--no fie	NNEPA WQ
	NNEPA WQ
Fecals only--no fie	NNEPA WQ
	NNEPA WQ
rain w/in past 2 da	NNEPA WQ
	NNEPA WQ
Access via path fro	NNEPA WQ
Sample si	2 NNEPA WQ
flow observation du	NNEPA WQ
gravel, c	3 NNEPA WQ
good sand and grave	NNEPA WQ
Algae is	3 NNEPA WQ
Gully fro	3 NNEPA WQ
Collected	3 NNEPA WQ
Recent ov	3 NNEPA WQ
Recent hi	3 NNEPA WQ
Recent st	3 NNEPA WQ
Too turbi	3 NNEPA WQ
Fecals only--no fie	NNEPA WQ
Fecals only--no fie	NNEPA WQ
	NNEPA WQ
Fecals only--no fie	NNEPA WQ
	NNEPA WQ
Fecals only--no fie	NNEPA WQ
No field parameters	NNEPA WQ
Fecals and rads onl	NNEPA WQ
Rain in AM	NNEPA WQ
community members u	NNEPA WQ
	NNEPA WQ
Fecals only--no fie	NNEPA WQ
	NNEPA WQ
Fecals only--no fie	NNEPA WQ
damsel flies present	NNEPA WQ
~20 m u/s of gage (	NNEPA WQ/NN WMB
heavy ppt in headwa	NNEPA WQ
DO and pH meters no	NNEPA WQ
280 m u/s from dive	NNEPA WQ
at chapter access r	NNEPA WQ
Hammered w/livestoc	NNEPA WQ
Canyon wi	3 NNEPA WQ
channel is composed	NNEPA WQ

Sand, gra	3	NNEPA WQ
substrate	3	NNEPA WQ
Algae is rare; no o	0	NNEPA WQ
	3	NNEPA WQ
Slightly	3	NNEPA WQ
pH probe not workin		NNEPA WQ
Recent hi	3	NNEPA WQ
Recent hi	3	NNEPA WQ
Over bank	3	NNEPA WQ
pH strip used.		NNEPA WQ
Duplicate also coll		NNEPA WQ
Fecals only--no fie		NNEPA WQ
		NNEPA WQ
Fecals only--no fie		NNEPA WQ
pH strip used.		NNEPA WQ
Fecals only--no fie		NNEPA WQ
Fecals only--no fie		NNEPA WQ
1/4 mile east of 75		NNEPA WQ
		NNEPA WQ
rain two days ago		NNEPA WQ
Thin moss	3	NNEPA WQ
Fecals only--no fie		NNEPA WQ
		NNEPA WQ
		NNEPA WQ
		NNEPA WQ
Fecals only--no fie		NNEPA WQ
		NNEPA WQ
Fecals only--no fie		NNEPA WQ
30 m west of N12 br		NNEPA WQ
		NNEPA WQ
Rain two days ago		NNEPA WQ
Baseflow		NNEPA WQ
bed mostly fines, s		NNEPA WQ
recent rains have i		NNEPA WQ
stable banks (one b		NNEPA WQ
fecal coliform samp		NNEPA WQ
100 m d/s of N12 br		NNEPA WQ
Incised c	2	NNEPA WQ
4		NNEPA WQ
Monsoon season; new		NNEPA WQ
channel was all bed		NNEPA WQ
Algae is	4	NNEPA WQ
Very turb	3	NNEPA WQ
Horses ca	4	NNEPA WQ
Recent ra	3	NNEPA WQ
Rain yest	3	NNEPA WQ
Lots of r	5	NNEPA WQ
at v-notch weir d/s		NNEPA WQ

No rain for more than	NNEPA WQ
	NNEPA WQ
Fecals only--no field	NNEPA WQ
pH strip used.	NNEPA WQ
Fecals only--no field	NNEPA WQ
No rain since July	NNEPA WQ
	NNEPA WQ
	NNEPA WQ
	NNEPA WQ
Fecals only--no field	NNEPA WQ
Creek clear, but clear	NNEPA WQ
	NNEPA WQ
Fecals only--no field	NNEPA WQ
pH strip used.	NNEPA WQ
Fecals only--no field	NNEPA WQ
Rained earlier in the	NNEPA WQ
30 sheep crossed up	NNEPA WQ
pH and DO meters not	NNEPA WQ
~30 yds d/s of N13	NNEPA WQ
Substrate	3NNEPA WQ
High flow	3NNEPA WQ
Recent bank	3NNEPA WQ
Too turbid	3NNEPA WQ
Channel high	3NNEPA WQ
No rain since July	NNEPA WQ
	NNEPA WQ
Fecals only--no field	NNEPA WQ
	NNEPA WQ
Fecals only--no field	NNEPA WQ
Fecals only--no field	NNEPA WQ
	NNEPA WQ
45 m u/s of upper gage	NNEPA WQ
Duplicate sample collected	NNEPA WQ
had trouble calibrating	NNEPA WQ
people swimming 100	NNEPA WQ
grazing impacts	NNEPA WQ
Cobble substrate; extensive	NNEPA WQ
fecal coliform sampling	NNEPA WQ
d/s of gage; access	NNEPA WQ
substrate	4 NNEPA WQ
Cobble, g	3NNEPA WQ
B/C channel	3NNEPA WQ
sand, gravel, cobble	NNEPA WQ
Algae is	3NNEPA WQ
Lots of mud	3NNEPA WQ
Moved down	3NNEPA WQ
Channel high	7NNEPA WQ
Clear, but	3NNEPA WQ

No sign o	3	NNEPA WQ
Wheatfiel	3	NNEPA WQ
		NNEPA WQ
Fecals only--no fie		NNEPA WQ
Fecals only--no fie		NNEPA WQ
Fecals only--no fie		NNEPA WQ
Fecals only--no fie		NNEPA WQ
Fecals only--no fie		NNEPA WQ
		NNEPA WQ
		NNEPA WQ
20 m east of divers		NNEPA WQ
		NNEPA WQ
sampled ~50 m d/s f		NNEPA WQ
Q for 3' trap weir		NNEPA WQ
No rain since July		NNEPA WQ
		NNEPA WQ
Fecals only--no fie		NNEPA WQ
		NNEPA WQ
		NNEPA WQ
Fecals only--no fie		NNEPA WQ
Fecals only--no fie		NNEPA WQ
		NNEPA WQ
30 m u/s from gage		NNEPA WQ
Rainfall is intermi		NNEPA WQ
sample collected in		NNEPA WQ
		NNEPA WQ
		NNEPA WQ
~20 m d\s of WMB ga	NNEPA WQ/NN	WMB
fecal coliform samp		NNEPA WQ
15 m u/s of gage; o		NNEPA WQ
Drove thr4		NNEPA WQ
cobble, g	3	NNEPA WQ
Cobble substrate wi		NNEPA WQ
Algae is	3	NNEPA WQ
Two trout	4	NNEPA WQ
Well-vege	3	NNEPA WQ
pH probe not workin		NNEPA WQ
Crystal C	3	NNEPA WQ
Still no	4	NNEPA WQ
High flow	3	NNEPA WQ
		NNEPA WQ
		NNEPA WQ
50 ft. u/s of lower		NNEPA WQ
		NNEPA WQ
rod would not go be		NNEPA WQ
monsoon previous we		NNEPA WQ
Bare, sandy banks a		NNEPA WQ
Very low flow; stee		NNEPA WQ

access is good, but	NNEPA WQ
D channel	3NNEPA WQ
Flow is a rough est	NNEPA WQ
Sand bottom (eolian	NNEPA WQ
No algae, odors, or	NNEPA WQ
Dam downstream	NNEPA WQ
Plenty of bug life;	NNEPA WQ
Highest debris ~7'	NNEPA WQ
	NNEPA WQ
Strom flo	3NNEPA WQ
High flow	4NNEPA WQ
Rads only; near Luk	NNEPA WQ
Rads only; Alfred B	NNEPA WQ
Fecals only--no fie	NNEPA WQ
Eroded banks SE and	NNEPA WQ
	NNEPA WQ
Fecal sample only--	NNEPA WQ
Fecal and	0NNEPA WQ
Fecal and	1NNEPA WQ
Fecals only--no fie	NNEPA WQ
Fecals only--no fie	NNEPA WQ
Fecals only--no fie	NNEPA WQ
Fecal and	0NNEPA WQ
Fecal and	1NNEPA WQ
Fecals only--no fie	NNEPA WQ
Fecals only--no fie	NNEPA WQ
Sampled ~ 40 ' out	NNEPA WQ
Lake very	1NNEPA WQ
Fecals on	0NNEPA WQ
Fecals only--no fie	NNEPA WQ
Sampled ~ 80 ' out	NNEPA WQ
Lake very	1NNEPA WQ
Fecals only--no fie	NNEPA WQ
Fecals on	0NNEPA WQ
Fecals only--no fie	NNEPA WQ
Good acce	0NNEPA WQ
Access go0	NNEPA WQ
Kemmerer 0	NNEPA WQ
	NNEPA WQ
	0NNEPA WQ
No algae,	0NNEPA WQ
pH probe	0NNEPA WQ
Rainfall	0NNEPA WQ
	1NNEPA WQ
Access is0	NNEPA WQ
Kemmerer 0	NNEPA WQ
	NNEPA WQ
	0NNEPA WQ

No algae,	0	NNNEPA WQ
Recalibra	0	NNNEPA WQ
Mercury c	0	NNNEPA WQ
		NNNEPA WQ
Access go	0	NNNEPA WQ
Kemmerer	0	NNNEPA WQ
		NNNEPA WQ
Equipment blank als		NNNEPA WQ
pH probe		NNNEPA WQ
Algae is		NNNEPA WQ
	1	NNNEPA WQ
Accessed		NNNEPA WQ
Access go	0	NNNEPA WQ
Kemmerer	0	NNNEPA WQ
		NNNEPA WQ
Equipment blank als		NNNEPA WQ
pH probe		NNNEPA WQ
No algae,		NNNEPA WQ
		NNNEPA WQ
Due to wo		NNNEPA WQ
Lake acce		NNNEPA WQ
Accessed	0	NNNEPA WQ
		NNNEPA WQ
	0	
No algae,		NNNEPA WQ
Too turbi	6	NNNEPA WQ
Lake acce		NNNEPA WQ
Sample lo	3	NNNEPA WQ
lake most	2	NNNEPA WQ
		NNNEPA WQ
		NNNEPA WQ
No algae,		NNNEPA WQ
Too turbi		NNNEPA WQ
Access via 1 mile h		NNNEPA WQ
Access via 1 mile h		NNNEPA WQ
d/s Wagon Wheel pic		NNNEPA WQ
		NNNEPA WQ
Lake is being drain		NNNEPA WQ
Channel d	3	NNNEPA WQ
Flow clea	3	NNNEPA WQ
pH probe not workin		NNNEPA WQ
		NNNEPA WQ
Recent hi	3	NNNEPA WQ
High flow	4	NNNEPA WQ
Field equ		NNNEPA WQ
Sampled a	3	NNNEPA WQ
Clear flo	3	NNNEPA WQ
At least	5	NNNEPA WQ

Very mugg	3NNEPA WQ
Rained la	3NNEPA WQ
Heavily u	3NNEPA WQ
Base flow	3NNEPA WQ
Flow comi	3NNEPA WQ
Heavily g	3NNEPA WQ
Big flows	5NNEPA WQ
Spring fe	4NNEPA WQ
Chinle Formation (?NNEPA WQ	
Spring tr	4NNEPA WQ
Lots of r	5NNEPA WQ
Sample co	3NNEPA WQ
	2NNEPA WQ
water ~1"	2NNEPA WQ
Rained ov	2NNEPA WQ
End of 51	2NNEPA WQ
Fecals only--no fieNNEPA WQ	
sub-strai	3NNEPA WQ
In canyon	5NNEPA WQ
located w	5NNEPA WQ
B channel	3NNEPA WQ
Boulder/c	3NNEPA WQ
Bedrock,	3NNEPA WQ
Algae is	4NNEPA WQ
Boulders	4NNEPA WQ
Higher fl	3NNEPA WQ
Clear; re	3NNEPA WQ
Base flow	3NNEPA WQ
Split tak	3NNEPA WQ
Still no	3NNEPA WQ
Substrate: gravel, NNEPA WQ	
Big flows	3NNEPA WQ
Barely fl	3NNEPA WQ
Doesn't a	3NNEPA WQ
Still doe	3NNEPA WQ
Finally h	3NNEPA WQ
Heavy liv	3NNEPA WQ
Banks sti	3NNEPA WQ
Recent la	3NNEPA WQ
Wetted ba	3NNEPA WQ
Had to di	3NNEPA WQ
Sampled d	3NNEPA WQ
Moderate	4NNEPA WQ
Collected	3NNEPA WQ
Sampled i	3NNEPA WQ
Big flow/	4NNEPA WQ
Sampled i	4NNEPA WQ
Sampled i	4NNEPA WQ

Big storm	4	NNNEPA WQ
Sampling	4	NNNEPA WQ
Looks lik	3	NNNEPA WQ
Russian o	3	NNNEPA WQ
Flow seem	3	NNNEPA WQ
Flow rece	3	NNNEPA WQ
Storm flo	3	NNNEPA WQ
Monsoon s	3	NNNEPA WQ
DO probe	3	NNNEPA WQ
EPA crew	3	NNNEPA WQ
Sampled u	3	NNNEPA WQ
Too turbi	3	NNNEPA WQ
Color sam	3	NNNEPA WQ
Recent hi	3	NNNEPA WQ
Fish shoc	5	NNNEPA WQ
Monsoon s	3	NNNEPA WQ
DO meter	3	NNNEPA WQ
Either sa	3	NNNEPA WQ
Moderate	2	NNNEPA WQ
substrate	3	NNNEPA WQ
sandy cha	3	NNNEPA WQ
sand, gra	3	NNNEPA WQ
Algae is	3	NNNEPA WQ
Snowmelt	3	NNNEPA WQ
Streambed	3	NNNEPA WQ
Brief, li	3	NNNEPA WQ
Flow was	9	NNNEPA WQ
Storm flo	3	NNNEPA WQ
YSI calibrated late	NNNEPA	WQ
samples collected t	NNNEPA	WQ
70 m u/s of bridge	NNNEPA	WQ
	NNNEPA	WQ
Split sample also t	NNNEPA	WQ
turbid; flow = 35 c	NNNEPA	WQ
Duplicate also coll	NNNEPA	WQ
Gravel/cobble botto	NNNEPA	WQ
Fecals only--no fie	NNNEPA	WQ
Duplicate also coll	NNNEPA	WQ
50 yds u/s of 262 b	NNNEPA	WQ
too trubi	3	NNNEPA WQ
cobble, g	3	NNNEPA WQ
cobble, g	3	NNNEPA WQ
channel i	3	NNNEPA WQ
Algae is	3	NNNEPA WQ
Slight fo	7	NNNEPA WQ
	3	NNNEPA WQ
Some alga	3	NNNEPA WQ
Moderatel	3	NNNEPA WQ

Flow is b	4	NNEPA WQ
Tamarisk	5	NNEPA WQ
Sheep gra	3	NNEPA WQ
~50m d/s from Co	R	NNEPA WQ
Flow due	2	NNEPA WQ
mixed san	4	NNEPA WQ
Collected 0		NNEPA WQ
Braided,	3	NNEPA WQ
20 m d/s of N36 bri	N	NNEPA WQ
highly turbid, flow	N	NNEPA WQ
Open channel; storm	N	NNEPA WQ
Sampled immediately	N	NNEPA WQ
very heav	16	NNEPA WQ
recent rain and sno	N	NNEPA WQ
incised ~	6	NNEPA WQ
Big storm	3	NNEPA WQ
Algae is	3	NNEPA WQ
Salt ceda	3	NNEPA WQ
		NNEPA WQ
Heavy rai	3	NNEPA WQ
Monsoon s	0	NNEPA WQ
Peak flow	10	NNEPA WQ
Tail end	3	NNEPA WQ
Duplicate also coll	N	NNEPA WQ
Fecals only--no fie	N	NNEPA WQ
No sample collected	N	NNEPA WQ
Duplicate collected	N	NNEPA WQ
Not much runoff; 30	N	NNEPA WQ
snails, dragonflies	N	NNEPA WQ
high flow; all meas	N	NNEPA WQ
base flow; had trou	N	NNEPA WQ
New site;	3	NNEPA WQ
Flow down	7	NNEPA WQ
Near Tucson Electr	N	NNEPA WQ
Solid was	4	NNEPA WQ
Most of t	3	NNEPA WQ
Storm pas	3	NNEPA WQ
Big storm	3	NNEPA WQ
Storm flo	3	NNEPA WQ
Flow too braided &	N	NNEPA WQ
Monsoon s	3	NNEPA WQ
Lots of f	4	NNEPA WQ
Likely ta	3	NNEPA WQ
fed by NAPI induced	N	NNEPA WQ
Substrate: weathere	N	NNEPA WQ
Some clea	5	NNEPA WQ
Substrate	3	NNEPA WQ
Looks lik	3	NNEPA WQ

Does not	3	NNEPA WQ
NAPI is n	3	NNEPA WQ
No releas	3	NNEPA WQ
		NNEPA WQ
~100 m u/s of irrig		NNEPA WQ
~50 m d/s from 371;		NNEPA WQ
fed by local spring		NNEPA WQ
snowmelt runoff; fl		NNEPA WQ
Braided, boulder, c		NNEPA WQ
Snow melt runoff		NNEPA WQ
sand, cobble, bould		NNEPA WQ
B channel	3	NNEPA WQ
No algae	0	NNEPA WQ
Too turbi	3	NNEPA WQ
Foam caus	3	NNEPA WQ
Substrate	3	NNEPA WQ
No flow y	3	NNEPA WQ
Tail end	3	NNEPA WQ
Fish hatchery inlet		NNEPA WQ
Bedrock channel at		NNEPA WQ
Flow crosses over r		NNEPA WQ
Bedrock o	3	NNEPA WQ
cobble/gravel; high		NNEPA WQ
Seems lik	7	NNEPA WQ
		NNEPA WQ
Sampled j	5	NNEPA WQ
Downstrea	3	NNEPA WQ
Recent hi	3	NNEPA WQ
Lot's of	3	NNEPA WQ
Still hea	3	NNEPA WQ
Decent, c	3	NNEPA WQ
Benthic macroinvert		NNEPA WQ
looks like a big fl		NNEPA WQ
Access via spur roa		NNEPA WQ
Snowmelt runoff; mo		NNEPA WQ
boulder/c	3	NNEPA WQ
slightly	3	NNEPA WQ
No odors;	3	NNEPA WQ
Paintball	3	NNEPA WQ
Too turbi	4	NNEPA WQ
Foam caus	3	NNEPA WQ
Lot's of	4	NNEPA WQ
Big storm	3	NNEPA WQ
Fecal sam	2	NNEPA WQ
Fecal sample only--		NNEPA WQ
no field parameters		NNEPA WQ
Fecal sample only--		NNEPA WQ
tadpoles; cobble-la		NNEPA WQ

Sampled d/s from xi	1	NNEPA WQ
Split als	1	NNEPA WQ
Access go	0	NNEPA WQ
bottom of	1	NNEPA WQ
bottom wa	0	NNEPA WQ
secchi de	0	NNEPA WQ
Algae abu	0	NNEPA WQ
Smells li	2	NNEPA WQ
	0	NNEPA WQ
Access go	5	NNEPA WQ
	0	NNEPA WQ
	0	NNEPA WQ
	0	NNEPA WQ
No algae	0	NNEPA WQ
	2	NNEPA WQ
Equipment	0	NNEPA WQ
Access go	4	NNEPA WQ
	0	NNEPA WQ
	0	NNEPA WQ
	0	NNEPA WQ
No algae,	1	NNEPA WQ
YSI senso	0	NNEPA WQ
	0	NNEPA WQ
Fecal and	1	NNEPA WQ
Fecal and E. coli s	1	NNEPA WQ
algae is	0	NNEPA WQ
Fecal and E. coli s	1	NNEPA WQ
Fecal and	1	NNEPA WQ
Fecal and E. coli s	1	NNEPA WQ
fecal sam	0	NNEPA WQ
fecal sam	0	NNEPA WQ
Fecal and	1	NNEPA WQ
Fecal and E. coli s	1	NNEPA WQ
fecal sam	0	NNEPA WQ
fecal sam	0	NNEPA WQ
Toadlena Fish Hatch	1	NNEPA WQ
Dead Man's Wash ~30	1	NNEPA WQ
Only VOCs collected	1	NNEPA WQ
wind from N/NE	1	NNEPA WQ
Good acce	0	NNEPA WQ
	0	NNEPA WQ
Algae is	0	NNEPA WQ
Water lev	9	NNEPA WQ
Dense alg	0	NNEPA WQ
located o	3	NNEPA WQ
Snowmelt	3	NNEPA WQ
	0	NNEPA WQ
No algae,	0	NNEPA WQ

YSI calib	0	NNNEPA WQ
Sheep gra	2	NNNEPA WQ
No algae,	3	NNNEPA WQ
New site	4	NNNEPA WQ
Between B	3	NNNEPA WQ
Flow is m	0	NNNEPA WQ
Big storm	5	NNNEPA WQ
Tail end	3	NNNEPA WQ
Lots of f	7	NNNEPA WQ
Rained ha	3	NNNEPA WQ
Storm run	0	NNNEPA WQ
		NNNEPA WQ
Discharge from USGS		NNNEPA WQ
Mouth of Mancos Riv		NNNEPA WQ
substrate0		NNNEPA WQ
incised, gravel, co		NNNEPA WQ
deeply in	3	NNNEPA WQ
No algae	3	NNNEPA WQ
Low flow;	3	NNNEPA WQ
	5	NNNEPA WQ
Higher fl	5	NNNEPA WQ
Beetles a	3	NNNEPA WQ
Close to	4	NNNEPA WQ
Significa	3	NNNEPA WQ
Much less	3	NNNEPA WQ
braided, sandy chan		NNNEPA WQ
perennial due to N		NNNEPA WQ
~1 mile u/s from re		NNNEPA WQ
Wide open channel w		NNNEPA WQ
braided channel; ac		NNNEPA WQ
elevated	3	NNNEPA WQ
stream br	2	NNNEPA WQ
D channel	3	NNNEPA WQ
Too braid	3	NNNEPA WQ
No algae,	3	NNNEPA WQ
Higher th	3	NNNEPA WQ
Braided,	3	NNNEPA WQ
Another d	3	NNNEPA WQ
Very brai	5	NNNEPA WQ
Smokey fr	3	NNNEPA WQ
Braided;	3	NNNEPA WQ
At crossing off Co.		NNNEPA WQ
substrate6		NNNEPA WQ
Very low	4	NNNEPA WQ
Tail end	3	NNNEPA WQ
access is	1	NNNEPA WQ
No algae,	0	NNNEPA WQ
Collected	0	NNNEPA WQ

	0	NNEPA WQ
No field parameters		NNEPA WQ
No field paramaters		NNEPA WQ
No field data colle		NNEPA WQ
not sampled due to		NNEPA WQ
having trouble cali		NNEPA WQ
sampled immediately		NNEPA WQ
		NNEPA WQ
Sparse notes due to		NNEPA WQ
lots of vegetation		NNEPA WQ
road paralleling ch		NNEPA WQ
fines in	3	NNEPA WQ
cobble sand bottom;		NNEPA WQ
mixed cla	3	NNEPA WQ
sand/grav	3	NNEPA WQ
Algae com	3	NNEPA WQ
Very over	4	NNEPA WQ
	3	NNEPA WQ
Lots of w	3	NNEPA WQ
Monsoon s	3	NNEPA WQ
Heavy rel	0	NNEPA WQ
No signif	3	NNEPA WQ
		NNEPA WQ
Sandy/gravel bottom		NNEPA WQ
Channel h	3	NNEPA WQ
No flow a	3	NNEPA WQ
Navajo Mu	3	NNEPA WQ
Sample co	7	NNEPA WQ
High flow	3	NNEPA WQ
samples taken from		NNEPA WQ
sampled u/s of wash		NNEPA WQ
Narrow entrenched c		NNEPA WQ
Flow from	3	NNEPA WQ
Some foam	3	NNEPA WQ
Suds pres	3	NNEPA WQ
Heavy rel	5	NNEPA WQ
Stormflow	3	NNEPA WQ
spring fed locally;		NNEPA WQ
Split sample also c		NNEPA WQ
~50 m d/s of N332;		NNEPA WQ
open foothills area		NNEPA WQ
~ 2" deep in thalwe		NNEPA WQ
Hammered braided st		NNEPA WQ
substrate	3	NNEPA WQ
braided D	3	NNEPA WQ
fine sand	4	NNEPA WQ
Base flow	4	NNEPA WQ
Flow like	3	NNEPA WQ

Tail end	3NNEPA WQ
Large flo	4NNEPA WQ
Big storm	6NNEPA WQ
cobble bottom; deep	NNEPA WQ
Split also collecte	NNEPA WQ
Flow enha	3NNEPA WQ
About the	3NNEPA WQ
Likely re	3NNEPA WQ
Moderate	3NNEPA WQ
Slightly	3NNEPA WQ
Spring box ~0.5 mil	NNEPA WQ
likely snowmelt run	NNEPA WQ
substrate mostly fin	NNEPA WQ
Rads sample only--	nNNEPA WQ
Deeply incised chan	NNEPA WQ
highly turbid water	NNEPA WQ
Fecals tested to se	NNEPA WQ
Fecals tested to se	NNEPA WQ
turbid; metals only	NNEPA WQ
water clear; metals	NNEPA WQ
Collected d/s from	NNEPA WQ
No field parameters	NNEPA WQ
No field	0NNEPA WQ
Rads only; d/s from	NNEPA WQ
No field	2NNEPA WQ
No field	2NNEPA WQ
No field	0NNEPA WQ
Mixed cob	3NNEPA WQ
cobble/gr	3NNEPA WQ
No algae	6NNEPA WQ
Seems lik	3NNEPA WQ
Sampled j	3NNEPA WQ
~8 bullfr	3NNEPA WQ
Releasing	3NNEPA WQ
Releasing	3NNEPA WQ
Likely re	4NNEPA WQ
Releasing	3NNEPA WQ
Tadpoles	3NNEPA WQ
sampled a	4NNEPA WQ
Peak rele	11NNEPA WQ
Below the	5NNEPA WQ
Taken bel	6NNEPA WQ
Sampled a	3NNEPA WQ
Sampled b	3NNEPA WQ
Monsoon s	6NNEPA WQ
Much lowe	10NNEPA WQ
Sample co	6NNEPA WQ
Sampled b	6NNEPA WQ

Good acce	3NNEPA WQ
At/near p	3NNEPA WQ
Low flow;	3NNEPA WQ
Base flow	3NNEPA WQ
More turb	3NNEPA WQ
Much less	3NNEPA WQ
Good/dens	4NNEPA WQ
Turbid; D	3NNEPA WQ
USEPA has	5NNEPA WQ
Water is	4NNEPA WQ
Flowing f	3NNEPA WQ
Big flow	3NNEPA WQ
Recent st	3NNEPA WQ
San Juan	3NNEPA WQ
Big storm	6NNEPA WQ
Sampled w	5NNEPA WQ
Tributary	3NNEPA WQ
Side chan	3NNEPA WQ
Work is i	3NNEPA WQ
Sample co	6NNEPA WQ
Flow is s	3NNEPA WQ
Immediate	3NNEPA WQ
Upstream	3NNEPA WQ
Mayfly ha	3NNEPA WQ
Immediate	5NNEPA WQ
Downstrea	3NNEPA WQ
More turb	3NNEPA WQ
Taken in	3NNEPA WQ
Effluent	4NNEPA WQ
Effluent;	5NNEPA WQ
Collected	6NNEPA WQ
Pre-flush	3NNEPA WQ
deeply in	3NNEPA WQ
Very, ver	6NNEPA WQ
Substrate	3NNEPA WQ
gravel, t	4NNEPA WQ
C/B chann	3NNEPA WQ
Access is	3NNEPA WQ
Two beave	6NNEPA WQ
Releasing	3NNEPA WQ
Higher th	3NNEPA WQ
Beaver da	3NNEPA WQ
Aquatic v	3NNEPA WQ
Mostly co5	NNEPA WQ
Flow fed	3NNEPA WQ
Channel i	3NNEPA WQ
Algae is	4NNEPA WQ
Road goes	3NNEPA WQ

Most of t 5NNEPA WQ  
A little 4NNEPA WQ  
Still bar 3NNEPA WQ  
More flow 3NNEPA WQ  
Incised ~ 3NNEPA WQ  
300 yds u/s from brNNEPA WQ  
No samples collecteNNEPA WQ  
NNEPA WQ  
Fecals only--no fiennNNEPA WQ  
NNEPA WQ  
rained earlier in tNNEPA WQ  
flow ends ~30 m d/sNNEPA WQ  
Discharge, TSS, andNNEPA WQ  
too shallow to measNNEPA WQ  
Discharge, TSS, andNNEPA WQ  
d\s of squash culvenNNEPA WQ  
Across bridge behinNNEPA WQ  
Just upstream of riNNEPA WQ  
Just u/s from riparNNEPA WQ  
Conductivity and TDNNEPA WQ  
Immediately downstrNNEPA WQ  
Immediately d/s fronNNEPA WQ  
TDS value is suspecNNEPA WQ  
Duplicate also collNNEPA WQ  
NNEPA WQ  
NNEPA WQ  
NNEPA WQ  
NNEPA WQ  
Fecals only--no fiennNNEPA WQ  
Duplicate is 15SAAANNEPA WQ  
base flow NNEPA WQ  
Fecals collected atNNEPA WQ  
Flow estimated for NNEPA WQ  
silt covering graveNNEPA WQ  
~2 m d/s of gage NNEPA WQ  
very low base flow,NNEPA WQ  
Cobble, gravel, sanNNEPA WQ  
At gaging0 NNEPA WQ  
gravel be 3NNEPA WQ  
B channel; gravel/cNNEPA WQ  
substrate is ~ 40% NNEPA WQ  
Algae is 3NNEPA WQ  
Lots of w 3NNEPA WQ  
gravel/ cobble bed;NNEPA WQ  
Fecal sample collecNNEPA WQ  
no samples collecteNNEPA WQ  
Fecals only--no fiennNNEPA WQ  
Fecals only--no fiennNNEPA WQ

Fecals only--no fieNNEPA WQ  
 sandy/clay channel NNEPA WQ  
 Puerco R is flowingNNEPA WQ  
 ~50 yds u\s of DefiNNEPA WQ  
 sampled upgradient NNEPA WQ  
 incised c 3NNEPA WQ  
 Effluent dependant NNEPA WQ  
 Mostly silt, pools NNEPA WQ  
 angular sandstone wNNEPA WQ  
 8-10' inc 3NNEPA WQ  
 Algae is 3NNEPA WQ  
 Faint sep 0NNEPA WQ  
 Discharge, TSS, andNNEPA WQ  
 sandy cha4 NNEPA WQ  
 Discharge, TSS, andNNEPA WQ & NNWMB  
 Discharge, TSS, andNNEPA WQ  
 Rapid runoff from lNNEPA WQ  
 Fecal sam 1NNEPA WQ  
 Fecal sample only--NNEPA WQ  
 Fecals only--no fieNNEPA WQ  
 Fecals only--no fieNNEPA WQ  
 Fecal sample only--NNEPA WQ  
 Fecal sample only--NNEPA WQ  
 Fecal sam 3NNEPA WQ  
 Fecal sam 0NNEPA WQ  
 Fecal sam4 NNEPA WQ  
 Access go 1NNEPA WQ  
 Very shal 3NNEPA WQ  
 NNEPA WQ  
 Turbidity: 84.8 NNEPA WQ  
 0NNEPA WQ  
 0NNEPA WQ  
 Algae is 0NNEPA WQ  
 Too turbi 4NNEPA WQ  
 Access vi 3NNEPA WQ  
 Very shal 1NNEPA WQ  
 NNEPA WQ  
 0NNEPA WQ  
 0NNEPA WQ  
 No algae 0NNEPA WQ  
 Too turbi 0NNEPA WQ  
 Access vi 0NNEPA WQ

Access go 1NNEPA WQ  
sampled at depths 0NNEPA WQ  
had to ca 0NNEPA WQ  
0NNEPA WQ  
Fecal sample only--NNEPA WQ  
Hammered E channel NNEPA WQ  
Former we4 NNEPA WQ  
Narrow E 3NNEPA WQ  
B/C channel; gravelNNEPA WQ  
Algae com 3NNEPA WQ  
Lots of c 3NNEPA WQ  
Algae is 11NNEPA WQ  
No algae 4NNEPA WQ  
Rained two days agoNNEPA WQ  
Wide, bra 3NNEPA WQ  
channel > 3NNEPA WQ  
series of 3NNEPA WQ  
15 m below waterfalNNEPA WQ  
~55 m d/s from nortNNEPA WQ  
7 meters d/s from wNNEPA WQ  
NNEPA WQ  
10 m above lower feNNEPA WQ  
125 yds d/s from HwNNEPA WQ  
NNEPA WQ  
only collected discNNEPA WQ  
several meters not NNEPA WQ  
flow barely moving;NNEPA WQ  
rehabilitation projNNEPA WQ  
Lower Hubbell - meaNNEPA WQ  
near inci0 NNEPA WQ  
Grassy bottom NNEPA WQ  
No algae, 3NNEPA WQ  
Sampled d/s of gageNNEPA WQ  
~40 yds d/s of gageNNEPA WQ  
highly turbid; C chNNEPA WQ  
High sediment deposNNEPA WQ  
Hammered by cattle,NNEPA WQ  
flow meas4 NNEPA WQ  
Bedrock bottom; strNNEPA WQ  
incised with sable NNEPA WQ  
fine sand to cobbleNNEPA WQ  
Algae is rare; no 0NNEPA WQ  
Smells li 3NNEPA WQ  
Access is0 NNEPA WQ  
only one site complNNEPA WQ  
NNEPA WQ  
Algae is 0NNEPA WQ  
Split (18-55\_090825NNEPA WQ

Access is 0 NNEPA WQ  
can see bottom of 1 NNEPA WQ  
Secchi depth is green NNEPA WQ  
No algae, 0 NNEPA WQ  
As aquatic vegetation NNEPA WQ  
sampled about 20 yd NNEPA WQ  
Fecals only--no fi NNEPA WQ  
Fecals only--no fi NNEPA WQ  
Fecals only--no fi NNEPA WQ  
Fecal sample only-- NNEPA WQ  
Fecals only--no fi NNEPA WQ  
Fecals only--no fi NNEPA WQ  
Fecals only--no fi NNEPA WQ  
Can see bottom. NNEPA WQ  
Too deep/swift to s NNEPA WQ  
Access is fair via NNEPA WQ  
Sampled at end of s NNEPA WQ  
Site description et NNEPA WQ  
Post flood condition NNEPA WQ  
Summer monsoon flow NNEPA WQ  
Monsoon clouds to w NNEPA WQ  
Sandy bottom, grave NNEPA WQ  
Discharge taken from NNEPA WQ  
No algae, odors, or NNEPA WQ  
flow from USGS site NNEPA WQ  
D4 channe 4 NNEPA WQ  
silty sand bottom; NNEPA WQ  
Substrate 3 NNEPA WQ  
D/C4 chan 3 NNEPA WQ  
Accessible via small NNEPA WQ  
Spring flows into B NNEPA WQ  
25LITTLECO86 @ 3:00 NNEPA WQ  
Site description et NNEPA WQ  
braided channel; fl NNEPA WQ  
Sampled at end of s NNEPA WQ  
Sandstone controlled NNEPA WQ  
No odors or foam; c NNEPA WQ  
cannot see 4 NNEPA WQ  
sandy silt bottom; NNEPA WQ  
too turbid to see b NNEPA WQ  
Kestral not working NNEPA WQ  
Fine sandy channel; NNEPA WQ  
Hydrolab was not ca NNEPA WQ  
Organic debris float NNEPA WQ  
Flooded condition - NNEPA WQ  
< 1 cfs flow present NNEPA WQ  
Upstream flow present NNEPA WQ  
Fecal sample only-- NNEPA WQ

silt bottom; flow iNNEPA WQ  
 100% effluent flow;NNEPA WQ  
 Sandy to 3NNEPA WQ  
 No algae or foam; sNNEPA WQ  
 Algae abundant; obtNNEPA WQ  
 Split (26-55\_090820NNEPA WQ  
 Abundant algae; smeNNEPA WQ  
 Algae abundant; splNNEPA WQ  
 In Shonto; water waNNEPA WQ  
 sandy bottom; splitNNEPA WQ  
 Fecal sample only--NNEPA WQ  
 Fine sand substrateNNEPA WQ  
 channel imultiple NNEPA WQ  
 Algae is 3NNEPA WQ  
 Headcutting increasNNEPA WQ  
 Smells like livestoNNEPA WQ  
 Sampled down gradienNNEPA WQ  
 highly braided, finNNEPA WQ  
 fish killnumerous NNEPA WQ  
 NNEPA WQ  
 NNEPA WQ  
 NNEPA WQ  
 No algae, odors, orNNEPA WQ  
 Smells like a cow tNNEPA WQ  
 Fecal sample only--NNEPA WQ  
 Split sample (26WMENNEPA WQ  
 No algae, odors, orNNEPA WQ  
 Smells like a cow tNNEPA WQ  
 No algae, odors, orNNEPA WQ  
 Special investigatiNNEPA WQ  
 Equipment blank (27CNNEPA WQ  
 mean daily flow fronNEPA WQ  
 silt bottom; channeNNEPA WQ  
 bedrock/sandstone sNNEPA WQ  
 Perennial 3NNEPA WQ  
 Algae is abundant; NNEPA WQ  
 Tadpoles NNEPA WQ  
 Access vi 3NNEPA WQ  
 3NNEPA WQ  
 Channel i 3NNEPA WQ  
 channel lined w/ seNNEPA WQ  
 Mostly sand with soNNEPA WQ  
 silt sand 2NNEPA WQ  
 sand and gravel botNNEPA WQ  
 Substrate is fine sNNEPA WQ  
 Algae is rare; no oNNEPA WQ  
 NNEPA WQ  
 braided c 4NNEPA WQ

Floodplai	5NNEPA WQ
channel i	3NNEPA WQ
bedrock controlled	NNEPA WQ
incised ~	3NNEPA WQ
D 3&4 cha	3NNEPA WQ
	NNEPA WQ
Big storm	4NNEPA WQ
Gold King	4NNEPA WQ
Pond 4 oumultiple	NNEPA WQ
Collected	3NNEPA WQ
Sampled f	3NNEPA WQ